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Index #  
62.73

# MICHELL'S *Garden Book*

Spring  
1951



New homes demand the newest, the brightest, the most reliable flowers as a setting. A dooryard full of annuals will furnish colorful material for cutting and will produce an immediate effect while more permanent shrubs and evergreens are getting a start. And even a small vegetable garden will be an asset. The better the seed, the better the yield.

**HENRY F. MICHELL CO., 516-518 Market St., PHILADELPHIA 5, PA.**

# All-America Winners and Selected Novelties



**TITHONIA, Torch**

*All-America Silver Medal Winner for 1951*

Anybody who can grow zinnias can have loads of brilliant orange-scarlet, 4-inch cut flowers like single dahlias by midsummer on a compact plant growing only 4 to 4½ feet high. Early enough for the North, dwarf enough for the South. **Pkt. 35c.; large pkt. 75c.**



**ASTER, Ballet Type, Finest Mixed Colors**

This is the sensational New Improved Queen Aster. The large flowers have full centers, longer stems and a very high wilt resistance. **Pkt. 25c.; large pkt. 75c.**

## NOVELTY COLLECTION

Here are four of the newest garden annuals—a "must" on the list of every gardener who prides himself on keeping up with the best of the novelties.

**4 PKTS.**

1 each of these 4 Novelties,

**\$1.00**  
Postpaid



**LARKSPUR, New Supreme Strain, Mixed Colors**

This new giant base-branching type has a much longer main spike, with larger flowers, fully double and more closely spaced on the main stem than existing types. **Pkt. 25c.; large pkt. 60c.**



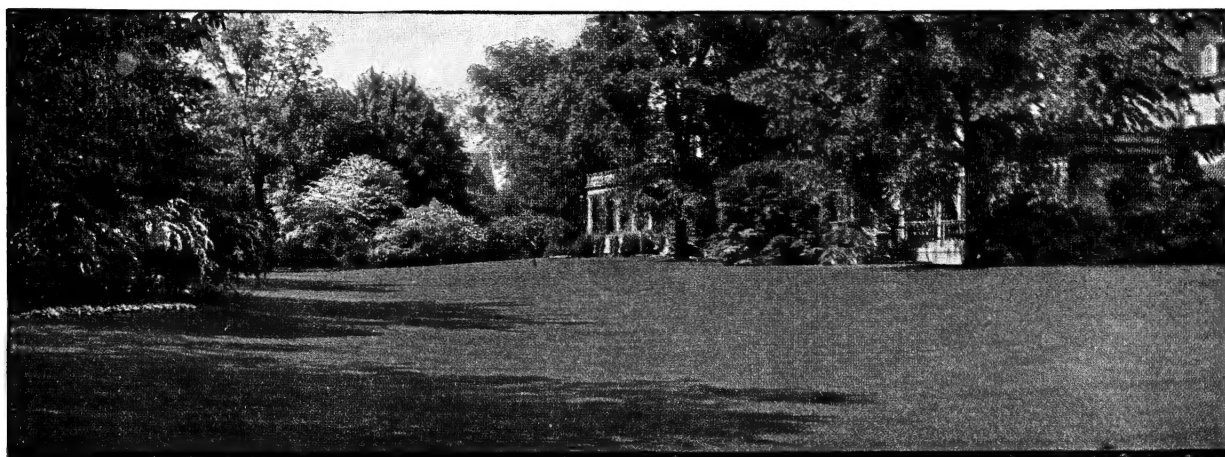
**PETUNIA, Fire Chief**

*All-America Gold Medal Winner*

A dwarf, compact-growing, bedding Petunia. Height is about 12 to 15 inches. Color is a bright scarlet-red. **Pkt. 25c.; large pkt. 75c.; ½ oz. \$1.75.**



# A Beautiful Lawn Can Be Yours



## MICHELL'S Grass Seed Mixtures

Michell's Lawn Seed has been a leader in high quality for over sixty years. Many of the better lawns in this country are the result of Michell's seed, plus proper care. The answer lies in our insistence on furnishing only that seed which meets our rigid specifications of highest purity and germination and maximum freedom from weeds. All the mixtures on these pages are exclusively ours, accept no substitute and remember that quality plus a fair price means a satisfied customer—and our customers are satisfied.

We recommend sowing 5 pounds per 1000 square feet on ground without grass and half that quantity for renovating lawns. For full information regarding the proper care and seeding of your lawn, send for our FREE booklet, "Lawn Pointers".

Because of the many fluctuations in the grass seed market, our prices remain subject to change.

### "GREEN VELVET"

This widely known combination of pure lawn grasses is the result of over 50 years' experience with problems of fine turf. It is recommended for the open, sunny lawn, where a closely knit, weed-free turf of lustrous green, velvety appearance is desired. Lb. \$1.45; 3 lbs. \$4.25; 5 lbs. \$6.95; 10 lbs. \$13.60; 25 lbs. \$33.25; 100 lbs. \$130.00.

### "SHADED LAWN"

We have combined a mixture of grasses that will produce a perfect sward in heavily shaded places. However, such locations present problems other than lack of sunlight, and the soil should be checked for drainage, possible acidity, and low fertility. Lb. \$1.40; 3 lbs. \$4.10; 5 lbs. \$6.65; 10 lbs. \$13.00; 25 lbs. \$31.75; 100 lbs. \$124.00.

### "EVERGREEN"

Recommended to fill the requirements of the average lawn. This mixture will produce a very desirable turf of fine-bladed, hardy grasses, capable of withstanding considerable wear and periodic dry spells. Lb. \$1.25; 3 lbs. \$3.65; 5 lbs. \$5.95; 10 lbs. \$11.60; 25 lbs. \$28.25; 100 lbs. \$110.00.

### "TOP NOTCH"

A perfectly blended combination of the purest seed most suitable for the establishment of a luxuriant lawn. This formula is recommended to those who seek the ultimate in a lawn mixture. 3 lbs. \$5.00; 5 lbs. \$8.25; 10 lbs. \$16.20; 25 lbs. \$39.75; 100 lbs. \$156.00.

### "PERFECT LAWN"

After more than sixty years of grass-seed experience we have formulated a lawn grass mixture which in our opinion is a real achievement. For the discriminating lawn-maker this mixture will fulfill all needs, and we are sure that lawns produced by using it will be a delight to the most exacting observer. We would suggest that you give it a trial if you desire the finest lawn in your community. This mixture is treated with Arasan to insure quick, sturdy growth even under adverse conditions. Lb. \$2.00; 3 lbs. \$5.90; 5 lbs. \$9.70; 10 lbs. \$19.10; 25 lbs. \$47.00; 100 lbs. \$185.00.

### "FAIRMOUNT PARK"

An adequate mixture meeting the requirements of those desiring a moderately priced grass seed. It will produce a hardy turf and healthy growth. Lb. 85c; 3 lbs. \$2.50; 5 lbs. \$4.00; 10 lbs. \$7.80; 25 lbs. \$18.75; 100 lbs. \$72.00.

### "CLOVER LAWN"

Because of the demand for a grass seed mixture containing a large proportion of White Clover, we offer this brand suited to take firm hold and grow quickly on hard or worn-out spots. Lb. \$1.70; 3 lbs. \$4.95; 5 lbs. \$8.10; 10 lbs. \$15.90; 25 lbs. \$39.00; 100 lbs. \$153.00.

**RID YOUR LAWN OF UGLY CRABGRASS** See Page 90

# Feed Your Lawn with Lawn Bilder



Fertilizing the Lawn

The long-acting lawn food containing 2, 4-D Weed Killer. You will have a spring lawn all summer and freedom from weeds when you use this great lawn food with double action nitrogen, phosphorus and potash—plenty for immediate needs, a long-lasting supply obtained from soybean meal, bonemeal, etc. Lawn Bilder is easy to use—has no obnoxious odors. A small sack containing 25 pounds of Lawn Bilder is sufficient to treat 2500 square feet of lawn. 10-lb. bag \$1.29; 25-lb. bag \$2.75; 50-lb. bag \$4.85.

In the event that you desire special mixtures of grass seed, we will be pleased to mix any of the separate varieties according to your own formula. This service, offered at no additional charge, permits you to have the exact mixture that will meet your needs.

## Grass Seed for the Farm

### Michell's Permanent Hayfield Grass Seed

We offer a well-balanced combination of grasses which will yield considerably more and better hay per acre than timothy and clover only. Sow 4 to 5 bushels per acre on new land, or 2 bushels on established fields. 5 lbs. \$4.95; 10 lbs. \$9.60; 25 lbs. \$23.25; 100 lbs. \$90.00.

### Michell's Permanent Pasture Grass Seed

The grasses used in this mixture are the most nutritious for grazing and feeding purposes and will thrive under various conditions of soil and climate, assuring a rich turf throughout the entire season, year after year. Sow 4 to 5 bushels per acre on new land, or 2 bushels on established pastures. 5 lbs. \$4.20; 10 lbs. \$8.10; 25 lbs. \$19.50; 100 lbs. \$76.00.

### Michell's White Clover Seed

For those desiring Clover in their lawns, we recommend Michell's White Clover. Sow separately to obtain even distribution and more satisfactory results. Oz. 15c; 1/4 lb. 50c; 1/2 lb. 95c; lb. \$1.85; 5 lbs. \$8.75; 10 lbs. \$16.50; 25 lbs. \$38.75; 100 lbs. \$150.00.

## Reseeding Crimson Clover

The No. 1 All-Purpose Crop

See Page 54

## Grasses in Separate Varieties

All Strictly Recleaned and Carefully Tested for Purity and Germination

On account of market fluctuations on many varieties of grass seeds, prices on larger quantities than those named will be quoted on request.

**Bent Grass, Certified Seaside** (*Agrostis maritima*). Very highest quality; certified and sealed in 100-pound bags by the Oregon Department of Agriculture. The true creeping variety of Bent that makes a perfect putting-green turf. Lb. \$2.10; 5 lbs. \$10.00; 10 lbs. \$19.00.

**Bent Grass, Astoria.** A native Bent, grown in Oregon. Similar in growth to the Colonial type. Lb. \$2.25; 5 lbs. \$10.75; 10 lbs. \$20.50.

**Bent Grass, Colonial** (*A. tenuis*; *A. capillaris*). A very fine-bladed grass, producing a thick turf. Especially valuable for putting-greens and fine lawns. Lb. \$2.25; 5 lbs. \$10.75; 10 lbs. \$20.50.

**Bermuda Grass** (*Cynodon dactylon*). Unhulled. A valuable summer grass for lawns and putting-greens as far north as Washington, D. C. above which latitude it is not satisfactory. Lb. \$1.00; 5 lbs. \$4.65; 10 lbs. \$8.30.

**Blue Grass, Kentucky** (*Poa pratensis*). The most satisfactory permanent lawn and pasture grass for use in the northern states, improving year after year under proper care. Deep green in color, with narrow leaf-blades.

**Extra Fancy.** Lb. \$1.50; 5 lbs. \$7.15; 10 lbs. \$13.30.  
**Superfine.** Lb. \$1.60; 5 lbs. \$7.50; 10 lbs. \$14.00.

**Blue Grass, Canada** (*P. compressa*). Somewhat similar to Kentucky Blue but lighter in color and will thrive on poorer soils and in warmer climates. Highly relished by cattle. Lb. \$1.30; 5 lbs. \$5.95; 10 lbs. \$10.90.

**Fescue, Alta.** An improved strain of tall Fescue, excellent in pasture and noted for high yields of forage. Will tolerate poorly drained conditions and improve the soil. Alta Fescue is also finding a place as a turf plant on airfields and roadsides. Lb. \$1.50; 5 lbs. \$6.95; 10 lbs. \$12.90.

**Fescue, Chewing's** (*Festuca rubra-fallax*). Produces a compact fine-bladed turf especially resistant to wear, tolerant of shade and adverse soil conditions. Excellent for the lawn or putting-green. Lb. \$1.50; 5 lbs. \$7.00; 10 lbs. \$13.10.

**Fescue, Genuine Red Creeping** (*F. rubra*). Excellent for putting-greens; also for sowing on sandy soil and in shaded places. Lb. \$1.40; 5 lbs. \$6.50; 10 lbs. \$12.00.

**Fescue, Meadow** (*F. pratensis*). A hardy, broad-leaved grass of quick growth, valuable for pasture in lowlands. Lb. \$1.00; 5 lbs. \$4.50; 10 lbs. \$8.10.

**Fescue, Kentucky 31.** A new strain of Fescue developed recently. Very deep rooting, able to crowd out the most persistent weeds. Lb. \$1.50; 5 lbs. \$6.95; 10 lbs. \$12.90.

**Fescue, Illahee.** A fine grass, worthy of the popularity it is earning for home lawns, municipal parks and golf courses. Over 99 per cent pure. Lb. \$1.80; 5 lbs. \$8.45; 10 lbs. \$15.90.

**Orchard Grass** (*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Lb. \$1.00; 5 lbs. \$4.50; 10 lbs. \$8.00.

**Red-Top** (*Agrostis alba*). One of the best grasses for immediate effect and as a nurse in lawn mixtures. Fine-bladed if mowed regularly. Adaptable to adverse soil conditions.

**Extra Fancy.** Lb. \$1.30; 5 lbs. \$6.00; 10 lbs. \$11.10.  
**Superfine.** Lb. \$1.40; 5 lbs. \$6.45; 10 lbs. \$11.90.

**Rye Grass, Domestic.** A quick-growing annual grass, useful where immediate effect is desired. Lb. 55c; 5 lbs. \$2.20; 10 lbs. \$3.40.

**Rye Grass, Perennial** (*Lolium perenne*). Imported. A deep-rooted, quick-growing grass, valuable as a nurse in mixtures and excellent for pastures and hayfields. Lb. 65c; 5 lbs. \$2.75; 10 lbs. \$4.50.

**Rye Grass, Italian** (*L. italicum*). Very desirable for pasture. Comes to maturity the first season. The ideal seed for southern lawns in winter. Lb. 55c; 5 lbs. \$2.20, 10 lbs. \$3.40.

**Timothy** (*Phleum pratense*). A grass of high value for hay and pastures. Lb. 45c; 5 lbs. \$1.80, 10 lbs. \$3.30.

# Michell's Reliable Grass Mixtures for All Conditions

## —for Special Problems

### Terrace

It is usually difficult to establish turf on sharp slopes or on terraces. This mixture is composed of deep-rooting varieties particularly adapted to such conditions and will give very satisfactory results. Lb. \$1.20; 3 lbs. \$3.50; 5 lbs. \$5.65; 10 lbs. \$11.00; 25 lbs. \$26.75; 100 lbs. \$104.00.

If you have had difficulty in establishing turf on steep slopes and terraces, you need EROSIONET. See page 80.

### Seashore

The application of 3 to 4 inches of top-soil and the subsequent sowing of this special mixture will produce an excellent lawn, wonderfully suited to the conditions of climate and soil along the Atlantic Coast. This formula has been thoroughly tested. Lb. \$1.40; 3 lbs. \$4.00; 5 lbs. \$6.60; 10 lbs. \$12.90; 25 lbs. \$31.50; 100 lbs. \$124.00.

### Special Sod Grass Seed

Developed especially for cemetery work and a popular favorite with many of the large burial parks. 5 lbs. \$5.10; 10 lbs. \$9.90; 25 lbs. \$24.00; 100 lbs. \$93.00.

### Southern Evergreen

Particularly adapted to the climate and the soil conditions of the South, where the hot, dry seasons make the maintenance of lawns a difficult problem. Lb. 95c.; 3 lbs. \$2.75; 5 lbs. \$4.45; 10 lbs. \$8.60; 25 lbs. \$20.75; 100 lbs. \$80.00.

### Superior Bent

Composed chiefly of the leading varieties of Bent Grass, but containing a sufficient percentage of other hardier fine-bladed grasses to produce a lawn of putting-green texture but which is not as susceptible to disease and attack by insects as pure Bent. We recommend sowing this seed at the rate of 1 pound to 300 square feet. Lb. \$1.75; 3 lbs. \$5.20; 5 lbs. \$8.55; 10 lbs. \$16.80; 25 lbs. \$41.25; 100 lbs. \$162.00.

### The New Jersey Lawn Seed Mixtures

Developed and recommended by the New Jersey Agricultural Experiment Station.

**N.J. No. 1.** Standard Mixture with Clover. Lb. \$1.50; 10 lbs. \$14.40; 25 lbs. \$35.25; 100 lbs. \$135.00.

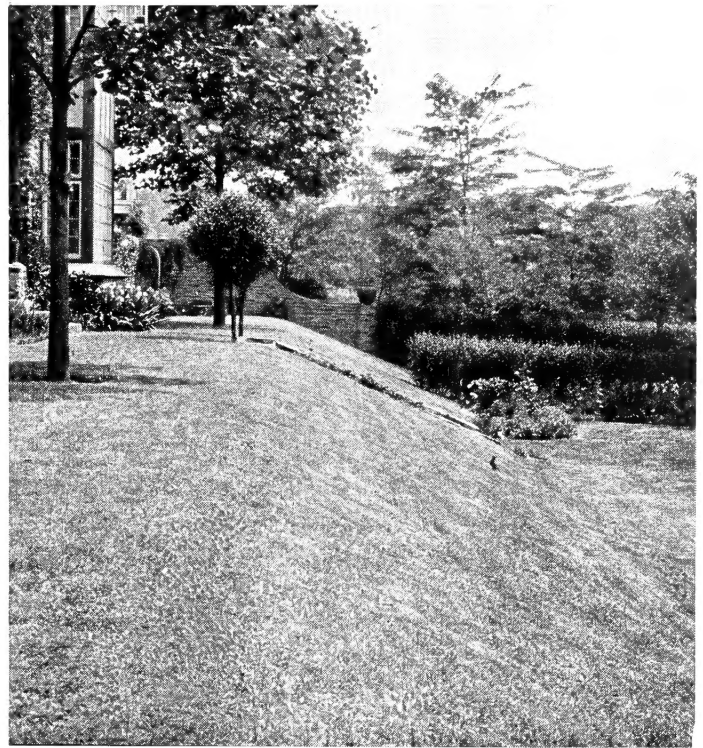
**N.J. No. 1A.** Standard Mixture without Clover. Lb. \$1.45; 10 lbs. \$14.20; 25 lbs. \$34.75; 100 lbs. \$133.00.

**N.J. No. 2.** Finest Quality Turf Mixture. Lb. \$1.50; 10 lbs. \$14.70; 25 lbs. \$36.00; 100 lbs. \$140.00.

**N.J. No. 3.** Shaded Area Mixture. Lb. \$1.50; 10 lbs. \$14.80; 25 lbs. \$36.25; 100 lbs. \$142.00.

**N.J. No. 4.** For Terrace and Sandy Soil with Clover. Lb. \$1.50; 10 lbs. \$14.40; 25 lbs. \$35.25; 100 lbs. \$135.00.

**N.J. No. 4A.** For Terrace and Sandy Soil, without Clover. Lb. \$1.45; 10 lbs. \$14.10; 25 lbs. \$34.50; 100 lbs. \$134.00.



Terrace Lawn

## —for Recreational Grounds

The Standard Mixtures listed below are carried in stock, and have been developed for the average conditions in each case. We recommend them for best results except where the conditions are unusual.

### ATHLETIC FIELD MIXTURE

A formula developed especially for football, baseball, hockey, polo and cricket grounds. We have supplied this mixture for many years to universities and athletic clubs and recommend it as the very best for such purposes. 5 lbs. \$5.60; 10 lbs. \$10.90; 25 lbs. \$26.50; 100 lbs. \$103.00.

### FAIRWAY MIXTURE

Composed of grasses that are deep-rooted, wear-resistant, and that give a healthy, even turf. Seed liberally for best results, 175 to 200 pounds per acre. 10 lbs. \$13.80; 25 lbs. \$33.75; 100 lbs. \$131.00.

### PUTTING-GREEN MIXTURE

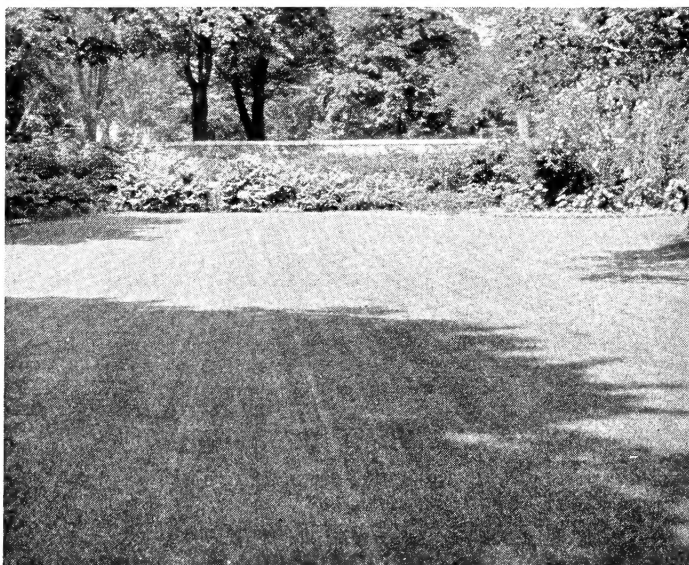
A well-blended combination containing the very finest assortment of low-growing, hardy grasses, which will withstand closest mowing. Sow at the rate of 1 pound to 100 square feet. Lb. \$1.70; 3 lbs. \$5.00; 5 lbs. \$8.25; 10 lbs. \$16.00; 25 lbs. \$40.00; 100 lbs. \$156.00.

### TENNIS-COURT MIXTURE

Will produce a turf capable of withstanding hard play, frequent rolling, and close mowing. Sow 5 pounds to 1000 square feet. 5 lbs. \$7.60; 10 lbs. \$14.90; 25 lbs. \$36.50; 100 lbs. \$143.00.

### TEE MIXTURE

A combination of different varieties that will produce a thick growth to withstand frequent play in a limited area. 5 lbs. \$8.00; 10 lbs. \$15.80; 25 lbs. \$38.75; 100 lbs. \$152.00.



Recreational Lawn

### Michell's Lawn Dressing

A complete organic fertilizer made up expressly for use on lawns and putting greens.

See page 93

ALL PRICES SUBJECT TO MARKET CHANGES





### GERANIUM ZONALE

A superb strain of this popular house plant; also excellent for bedding. This mixture contains the largest and finest varieties. **Pkt. 25c.; large pkt. \$1.00.**

### VERBENA

#### Michell's Dwarf Upright Exhibition

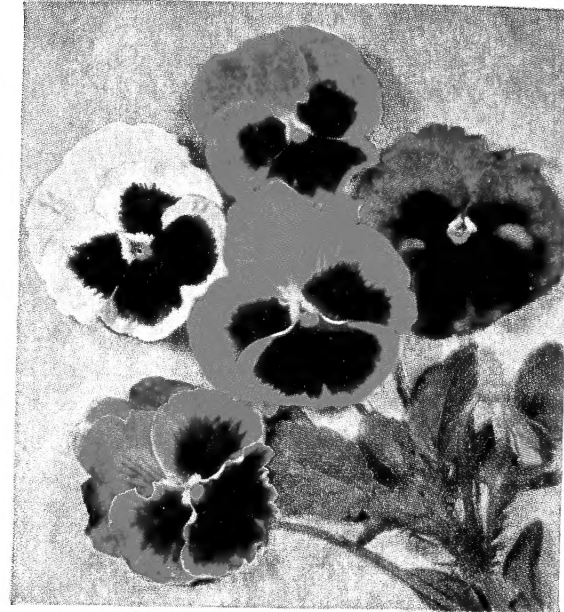
Dwarf, well-branched plants with large flower heads. Bright colors with a distinct eye in each floret. **Choice Mixture. Pkt. 25c.; large pkt. \$1.00.**



## Choice Flowers

### for the House and Garden

The seed is put up in beautifully illustrated packets giving a true idea of the color.



### PANSY, Steele's Jumbo Mixture

Real giants among Pansies, with long-stemmed flowers in choice colors. Very early blooming. **Pkt. 25c.; large pkt. \$1.00.**

### CARNATION

#### Michell's Marguerite, Giant-Flowering, Alldouble, Mixed

This is an extra-selected strain in a range of 15 to 20 colors. The flowers are large, fully double, and very freely borne. Plants are of stocky, upright growth; excellent for cutting. **Pkt. 25c.; large pkt. 75c.**



### COSMOS, Radiance

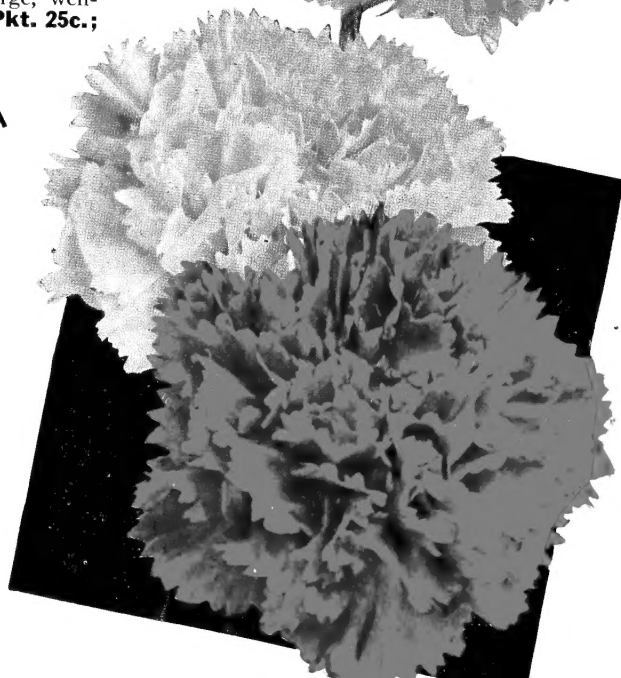
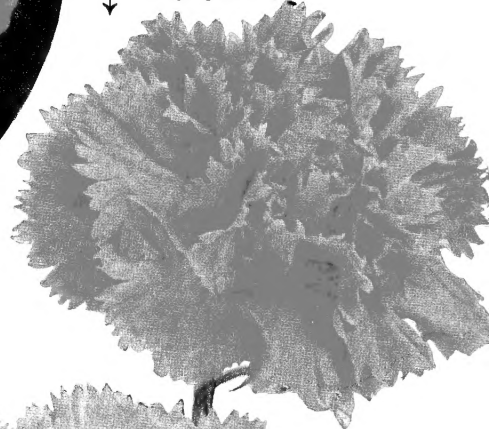
#### Silver Medal, All-America Selections

A striking color combination never before seen in Sensation Cosmos; deep rose petals overlaid with a large, well-defined zone of rich crimson. **Pkt. 25c.; large pkt. 50c.**

### COLLECTION A

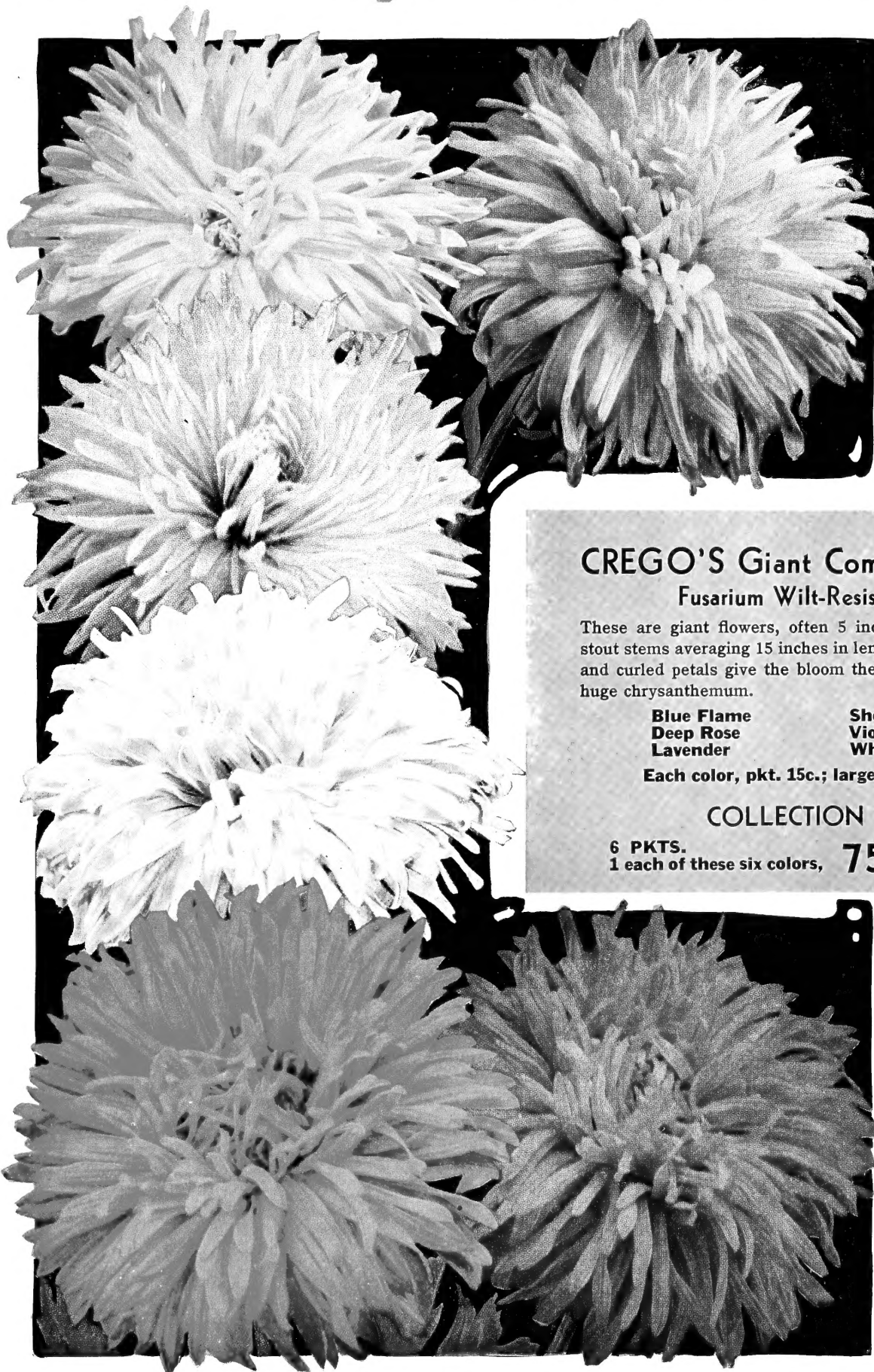
5 pkts.,  
1 each of these five  
flowers

**\$1.00**  
Postpaid





# MICHELL'S *Crego's Giant Comet Asters*



## CREGO'S Giant Comet Asters, Fusarium Wilt-Resistant

These are giant flowers, often 5 inches across, with stout stems averaging 15 inches in length. The twisted and curled petals give the bloom the appearance of a huge chrysanthemum.

**Blue Flame  
Deep Rose  
Lavender**

**Shell-Pink  
Violet  
White**

Each color, pkt. 15c.; large pkt. 60c.

### COLLECTION B

6 PKTS.  
1 each of these six colors, **75c.**, post-paid

# Michell's Novelty and Specialty Flower Seeds.



*Tithonia, Torch*

## ANTIRRHINUM, TETRA, GIANT RUFFLED

Largest flowered of all Snapdragons. Individual florets are huge— $1\frac{3}{4}$  to  $2\frac{1}{4}$  inches wide. Many distinctly and attractively ruffled. The plants are of husky growth, reaching a height of 3 feet and bearing many huge, close-set flowerspikes.

### NEW ORCHID

A rich orchid-purple with yellow blotch. Large-florets. A strong grower. Pkt. 25c.; large pkt. 75c.

### NEW YELLOW

A new tall, base-branching, clear yellow with long spikes and very large flowers. Pkt. 25c.; large pkt. 75c.

### VELVET GIANT

The large fringed flowers have a pronounced velvety texture; deep crimson illumined with undertone of orange-bronze. Plants are base-branching,  $2\frac{1}{2}$  feet tall, with six to twelve spikes to a plant. Pkt. 25c.; large pkt. 75c.;  $\frac{1}{2}$ oz. \$2.00.

## ASTER, BALLET TYPE, WILT-RESISTANT

This is the sensational New Improved Queen Aster. The large flowers have full centers, longer stems and a very high wilt resistance. Finest Mixed Colors. See color plate, inside front cover. Pkt. 25c.; large pkt. 75c.

## ASTER, LITTLE GIANTS, WILT-RESISTANT NOVELTY

Here is a distinctive new type of early Aster. Plants grow 12 inches tall and form a perfect mound of flowers. Blooms are of the feathery Crego type, 4 to 5 inches in size, and a plant will have 40 to 50 flowers showing at the same time. Habit of growth is somewhat similar to a miniature Christmas tree, as the branches spread laterally from a strong center trunk. Each branch carries from three to five flowers.

**Azure Fairy.** Lavender.

**Rosamond.** Soft rose-pink.

**White Mound.** Pure white.

**Mixture of above colors only.**

Each of the above, pkt. 25c.; large pkt. \$1.00

## ASTER, SUPER CALIFORNIA GIANT, SANTA MARIA (NEW)

Immense flowers, fully double, pure white in color. Excellent for cutting. Pkt. 25c.; large pkt. \$1.00.

## ASTER, PRINCESS

A very attractive cutting type of wilt-resistant Aster, 2 to  $2\frac{1}{2}$  feet tall, branching and free flowering. Early blooming, bearing quantities of 3 to  $3\frac{1}{2}$ -inch flowers on strong stems. Flowers have a full deep crested center, surrounded by several rows of dainty plume-like guard petals.

**Linda.** Brings an important new color to the already popular Princess type—pure, clear rose.

**Anne.** Peach-blossom-pink.

**Barbara.** Orchid.

**Bonny.** Soft salmon-rose.

**Elizabeth.** New. Pure white.

**Golden Sheaf.** The deepest yellow Aster yet introduced. Fully double.

**Margaret.** New. Rose.

**Susan.** New. True deep blue.

**Mixed.** Finest mixed.

Any of above, pkt. 25c.; large pkt. 75c.

## CARNATION, MARGUERITE, GIANT-FLOWERING, ALL-DOUBLE, MIXED

This is an extra-selected strain in a range of 15 to 20 colors. The flowers are large, fully double, and very freely borne. Plants are of stocky upright growth, excellent for cutting. Pkt. 25c.; large pkt. 75c.

## CELOSIA PYRAMIDALIS, IMPROVED FLAME OF FIRE

This new type is, without doubt, the finest in the Pyramidalis group. Plants perfectly pyramidal in shape,  $1\frac{1}{2}$  feet high. Flowers brilliant crimson. Pkt. 25c.; large pkt. 60c.

## DAHLIA, UNWIN'S ALL-DOUBLE DWARF HYBRIDS. MICHELL INTRODUCTION

A new strain which will produce 100 per cent alldouble flowers and in a very wide range of selected colors. This is an excellent cut-flower variety; also makes a fine item for pot-plants. Pkt. 25c.; large pkt. \$1.00.

## GOMPHRENA, BUDDY (NEW)

Dwarf purple, an excellent strain for pot-plants or borders. Uniform ball-shaped plants 6 inches tall; very long blooming. Pkt. 15c.; large pkt. 50c.;  $\frac{1}{4}$ oz. 85c.

## HOLLYHOCK, IMPROVED NEW TRIUMPH Rustproof

Flowers double, waved and fringed, in a selected mixture of many choice new colors. Pkt. 25c.; large pkt. 60c.

## IPOMOEA, DARLING, 1951 NOVELTY

A distinct break from Scarlett O'Hara Morning-Glory. Darling is the same rich wine-red but with a snowy white throat that provides enough contrast to make the flowers stand out immediately. When in full bloom, Darling is a very showy sight. The flowers are much larger and longer stemmed; otherwise the same plant habit, flower size, growth characteristics and earliness. Pkt. 25c.; large pkt. 75c.;  $\frac{1}{4}$ oz. \$1.25.

## LARKSPUR, NEW SUPREME STRAIN

This new giant base-branching type has a much longer main spike with larger flowers, fully double and more closely spaced on the main stem than existing types. See color plate, inside front cover.

The following popular colors are available now:

**Dark Blue Supreme.** Rich violet-purple.

**Lilac Supreme.** The best clear lilac to date.

**Pink Supreme.** Clear bright rose-pink.

**Rose Supreme.** Clear deep rose.

**Salmon Supreme.** True salmon-pink.


**White Supreme.** Pure white.

**Choice Mixed.**

Any of above, pkt. 25c.; large pkt. 60c.; oz. \$2.50

# All-America Winners and Special Novelties

## MARIGOLD, CHRYSANTHEMUM FLOWERED, GLITTERS

 *All-America Bronze Medal Winner for 1951.* Fluffy chrysanthemum-like, bright canary-yellow flowers 3 inches across are produced on long strong stems. The bushy, erect, 2-foot plants are continuously in bloom from early summer until frost. Pkt. 25c.; large pkt. 75c.

## MARIGOLD, CHRYSANTHEMUM FLOWERED, HAPPINESS

A new early bloomer growing about 15 to 18 inches tall. Chrysanthemum-like blooms 3½ inches across, produced in large numbers per plant. The color is a charming golden yellow. Pkt. 25c.; large pkt. 60c.

## MARIGOLD, SUNNY

Cheerful, single, bright yellow flowers, about 2 inches across, with attractive wavy edges. Plants are well rounded, 15 inches tall and 16 inches across, and when covered with blooms are sure to win admiration. Pkt. 25c.; large pkt. 50c.

## MARIGOLD, DWARF AFRICAN, AURORA (NEW)

New Gaillardia-flowered type of deep golden yellow color. Early blooming; 12 to 14 inches tall. Fine for borders and bedding. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25.

## PANSY, PAY DIRT, JUMBO (NEW)

Largest golden yellow ever produced. Blooms have dark rays on tiny dark faces. Fine dwarf habit and resistant to heat. Pkt. 50c.; large pkt. \$1.25.

## PANSY, STEELE'S JUMBO MIXTURE

Grown from originator's stock. Extra large, long-stemmed flowers, very early, in a choice mixture of colors. Pkt. 25c.; large pkt. \$1.00; ½oz. \$3.00.



## PETUNIA, FIRE CHIEF

*All-America Gold Medal Winner.* (Bodger.) Fire Chief is in the Hybrid nana compacta class, a dwarf, compact-growing, bedding Petunia. Height is about 12 to 15 inches. Color is a bright scarlet-red, a color lacking in this class until now. Fire Chief blooms early and continuously until frost, producing a wealth of bloom all summer. (Originator's description.) See color plate, inside front cover. Pkt. 25c.; large pkt. 75c.; ½oz. \$1.75.

## PHLOX, MICHELL'S DWARF BEAUTY, MIXED

This fine strain of large-flowering dwarf Phlox is especially recommended for pot culture. (Also for borders.) The individual florets are large. This strain comes in a very fine mixture, including shades of light and dark blue. Very free blooming. Pkt. 25c.; large pkt. 75c.; ½oz. \$1.75.

## PHLOX, DECUSSATA BELTSVILLE BEAUTY

This hardy perennial was developed by Dr. Sam Emsweller of U. S. D. A., Beltsville, Md. Beltsville Beauty is a broad mixture of colors. Besides the usual mauve, the mixture contains lavender, carmine, crimson, salmon-pink, pink with dark eye (similar to Painted Lady), pink, white with dark eye, and a sizable proportion of pure paper-white. To insure good germination, seed should be frozen before planting. Pkt. 25c.; large pkt. \$1.00.

## TITHONIA, TORCH



*All-America Silver Medal Winner for 1951.* Torch is good. And Torch is easy. Heat? Thrives on it. Pests or diseases? None whatsoever. Anybody who can grow zinnias can have loads of brilliant orange-scarlet, 4-inch cut-flowers like single dahlias by mid-summer, on a compact plant growing only 4 to 4½ feet high. Early enough for the North, dwarf enough for the South. Torch will get nation-wide publicity in 1951. Be sure you have it. See color plate, inside front cover. Pkt. 35c.; large pkt. 75c.; ¼oz. \$1.75.

## VERBENA, SNOW WHITE (NEW 1951)

The latest addition to this popular type of Verbena. Plants are very bushy, dwarf and free flowering. The color is a pure snow-white. Pkt. 25c.; large pkt. 75c.

## VERBENA, NEW BUSH TYPE, FIRELIGHT

The most vivid red Verbena we have ever seen. Masses of large blooms closely spaced provide a carpet of fiery brilliance unequalled in any other border or bedding plant. Truly a supreme addition to every garden. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25.

## ZINNIA, FLORADALE SCARLET

A new kind of Zinnia. Giant scarlet-red flowers with beautiful long ruffled petals. Very free flowering, with long strong stems. A splendid cut flower; also fine for garden use. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.25.

## ZINNIA, CUPID ZINNIAS 1 Ft.

The smallest of all. Compact plants about 1 foot tall consist of a large number of slender branches which give the plant a well-rounded, bushy habit. Each of the numerous upright stems bears a miniature flower that hardly exceeds 1 inch in diameter. Useful for corsage making. Choice mixed. Pkt. 15c.; large pkt. 30c.; ¼oz. 60c.

## CHOICE GARDEN AND HOUSE FLOWER SEED IN ILLUSTRATED PACKETS

See Color Plate, page 4

AFRICAN DAISY, Choice Mixed.....	\$0 15
AGERATUM, Midget Blue.....	25
ALYSSUM, Bouquet.....	15
ALYSSUM, Violet Queen.....	15
ASTER, Victory Giants Mixed.....	25
CARNATION, Alldouble Marguerite Mixed.....	25
CENTAUREA, Blue Boy.....	15
COLEUS, Rainbow Mixed.....	25
COSMOS, Orange Flare.....	15
COSMOS, Radiance.....	25
COSMOS, Sensation Mixed.....	15
DAHLIA, Giant Choice Mixed.....	25
DELPHINIUM, Blackmore & Langdon.....	25
GERANIUM, Zonale Mixed.....	25
MARIGOLD, Crown of Gold.....	15
MARIGOLD, Yellowstone.....	25
MARIGOLD, Pot O'Gold.....	15
MARIGOLD, Spry.....	25
MARIGOLD, Goldsmith.....	25
MARVEL OF PERU, Mixed.....	15
MORNING-GLORY, Blue Star.....	25
MORNING-GLORY, Heavenly Blue.....	15
MORNING-GLORY, Pearly Gates.....	15
MORNING-GLORY, Scarlett O'Hara.....	15
PANSY, Steel's Jumbo Mixture.....	25
PETUNIA, Dwarf Single Mixed.....	25
PETUNIA, Celestial Rose.....	15
PETUNIA, Silvery Blue.....	15
SWEET PEAS, Spring-flowering Mixed.....	25
VERBENA, Dwarf Upright Mixed.....	25
ZINNIA, Fantasy Mixed.....	15
ZINNIA, Howard's Crested Mixed.....	15
ZINNIA, California Giants Mixed.....	25
ZINNIA, Dahlia-flowered Mixed.....	25
ZINNIA, Lilliput Mixed.....	25

# MARIGOLDS — *Everybody's Favorite*



**MARIGOLD, Spry**

*Silver Medal, All-America Selections*

Extra-dwarf, double French-type Marigold with flowers only 1½ inches across. Very light orange, crested center and maroon outer petals. An early and profuse bloomer. Extremely dwarf and compact plants only 9 inches high and 15 inches wide. Uniform in habit, blooming until frost. A plant is a bouquet in itself. **Pkt. 25c.; large pkt. 50c.**

## FREE-FLOWERING MARIGOLDS

Above all, Marigolds are dependable—and that's important during the hot summer months.

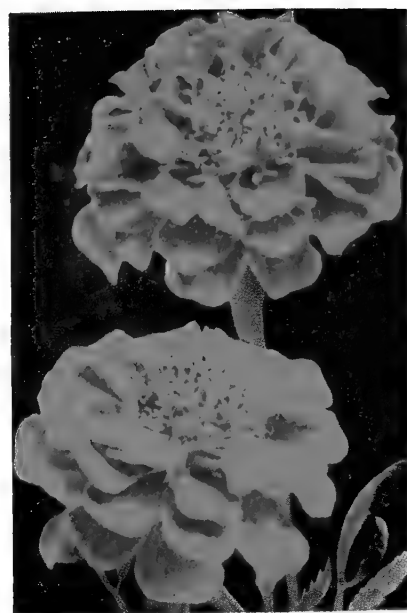
### COLLECTION C

**5 PKTS., 1 each of the five Marigolds**

pictured  
here, **\$1.00** post-  
paid



**YELLOW SUPREME**



**MARIGOLD, Scarlet Glow**

*Honorable Mention, All-America Selections*

A dwarf double French Marigold with 2-inch, scarlet flowers that turn rich tangerine as they age. Blooms profusely from very early in the season until frost. Plants compact and bushy, 10 inches tall and 18 inches broad. **Pkt. 25c.; large pkt. 50c.**

**MARIGOLD, Yellow Supreme**

Broad, loose, frilled petals of rich creamy lemon-yellow color. Fluffy, carnation-flowered type, with blooms slightly larger than Guinea Gold—3 inches across or more. A healthy plant growing 2 to 3 feet tall; flowers are 100 percent double and are very freely produced until October or later. Mild fragrance; long lasting when cut. **Pkt. 15c.; large pkt. 50c.**



**MARIGOLD, Mammoth Mum**

Bears fluffy, ball-like flowers like chrysanthemums, on long stems. Blooms are light sulphur-yellow in color, 3½ inches across and 2 inches deep. The early-blooming plant is 30 inches tall. **Pkt. 25c.; large pkt. 60c.**



**MARIGOLD, Red Head**

Single flowers 2 inches across, of rich mahogany color, opening rapidly and changing to shades of bronze and gold. Vigorous plants 15 inches high. **Pkt. 25c.; large pkt. 50c.**



# Michell's "Distinctive" Flower Seeds

FOR NOVELTIES AND SPECIALTIES, See Pages 6 and 7

During our sixty years of service to American garden lovers, we have always maintained a reputation for seed of superior quality. The success of our many customers in growing superior plants has strengthened our conviction that we shall supply only those varieties and strains of finest quality.

In the pages that follow, all of our Flower Seeds are arranged alphabetically. The annuals, biennials, and perennials are carefully marked so that those who are not familiar with the different kinds of plants will not be confused.

**Annuals.** These grow to maturity, bloom, ripen their seed, and die the same year. Asters, Poppies, Sweet Peas, Morning-Glories, and Zinnias are typical examples. Some of these Annuals are sown in a sunny window indoors, or in a hotbed or coldframe from March to May in order to get an early start. Seed of practically all Annuals can be sown in the open ground after danger of frost has passed.

**Biennials.** These are raised from seed started in early summer, flowering the second year, after which they die. Typical examples are Pansies, English Daisies, and Canterbury Bells.

**Perennials.** These plants live on from year to year, increasing in size and in beauty with age. Typical examples are Aquilegia, Delphinium, and Hardy Phlox. Many Perennials may be grown from seed, which is usually planted outdoors from June to September. The young plants may be carried over the first winter in a coldframe or they may be set in their permanent places in early autumn and given a light protective mulch the first season. Some Perennials are known as half-hardy and require winter protection each season, and those known as Tender Perennials require greenhouse protection over winter.

A complete index of Flower Seeds will be found on page 95. Varieties marked ★ are especially suitable for rock-gardens.



Ageratum, Midget Blue

## ACHILLEA · Milfoil, Yarrow

Perennial.

★**Parmica, The Pearl.** Pure white, double flowers. 2½ ft. Pkt. 10c.; large pkt. 75c.

## AGERATUM · Floss Flower

One of the best bedding plants, being literally a mass of bloom from early summer till frost.

★**Michell's Blue Boy.** Extra dwarf, rich shade of blue. Height 4 in. Pkt. 25c.; large pkt. 75c.; ¼oz. \$2.00.

★**Midget Blue.** Silver Medal, All-America Selections. A fine dwarf Ageratum 3 inches high with small true Ageratum-blue flowers. Small pkt. 25c.; large pkt. 75c.

★**Blue Cap.** Fine, dwarf, very compact variety. Flowers larger than Little Blue Star. Pkt. 15c.; large pkt. 75c.

★**Blue Ball.** Dwarf, ball-shaped plants. Very large blue flowers. 6 in. Pkt. 10c.; large pkt. 60c.

★**Blue Perfection.** Large heads of deep blue flowers. 1 ft. Pkt. 10c.; large pkt. 30c.

★**Little Blue Star.** Plants densely covered with bright blue flowers. 5 in. Pkt. 15c.; large pkt. 60c.

## AUBRIETA · Rainbow Rock-Cress

Perennial

★**New Large-flowering Hybrids.** Mixed. Pkt. 15c.; large pkt. 75c.

## ALYSSUM

Annuals.

4 to 9 in.

★**Violet Queen.** Dwarf, compact form, flowers of which are a pretty bright violet tint. Pkt. 15c.; large pkt. 40c.; ¼oz. 60c.

★**Lilac Queen.** Dwarf, compact grower. Flowers pure lilac color. 4 in. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

★**Little Gem.** Plants dwarf, compact, densely covered with white flowers. 4 in. Pkt. 10c.; large pkt. 30c.; oz. \$1.25; ¼lb. \$4.00.

★**Michell's Bouquet** (*A. procumbens*). Snowcloth; Carpet of Snow. The dwarf, compact plants bear a perfect bouquet of miniature white flowers. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

★**Sweet** (*A. maritimum*). Fragrant, white-flowering trailing variety. 6 in. Pkt. 10c.; large pkt. 25c.; oz. 60c.; ¼lb. \$1.75.

Perennials.

12 in.

★**Rock-Garden Hybrids, Mixed.** A rare species, excellent for the rock-garden. Pkt. 25c.; large pkt. 75c.

★**Saxatile compactum.** Basket of Gold. An ideal plant with showy golden yellow flowers in May. Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

★**Saxatile compactum, Silver Queen.** Pale primrose-yellow. Pkt. 15c.; large pkt. 40c.; ¼oz. \$1.00.

## AMARANTHUS

Annuals.

These decorative foliage plants are easily raised from seed, either by starting them early indoors or sowing outdoors in May.

★**Molten Fire.** Summer Poinsettia. Extremely ornamental and the most beautiful of all Amaranthus. Leaves dark bronze, center poinsettia-red. Pkt. 25c.; large pkt. 40c.

★**Tricolor splendens.** Joseph's Coat. Foliage green, variegated crimson and yellow. 2 ft. Pkt. 10c.; large pkt. 25c.

★**Mixed.** Not including Molten Fire. Pkt. 10c.; large pkt. 25c.

## ANCHUSA · Sea Bugloss

Annuals.

★**Blue Bird.** Dwarf, compact grower. Flowers bright indigo-blue. Pkt. 10c.; large pkt. 25c.

Perennials.

1 to 4 ft.

★**Italica, Dropmore.** Hardy plant with lovely gentian-blue flowers. 3 to 4 ft. Pkt. 10c.; large pkt. 40c.

★**Myosotidiflora.** Small forget-me-not-like blue flowers. Fine for the rockery. 15 in. Pkt. 25c.; large pkt. 75c.

## ANTHEMIS · Hardy Marguerite

Perennial.

2 ft.

A handsome plant bearing daisy-like flowers all summer. Excellent for cutting.

★**Tinctoria Kelwayi.** Bright yellow. Pkt. 10c.; large pkt. 30c.

## ANEMONE · Windflower

Perennials.

12 to 18 in.

Blooms are excellent for cutting.

★**Coronaria, St. Brigid.** Semi-double; various colors. Pkt. 15c.; large pkt. 75c.

★**De Caen Hybrids.** Choice mixed. Pkt. 15c.; large pkt. 60c.

## ARABIS · Rock-Cress

Perennials.

8 to 12 in.

★**Alpina.** Dwarf, spring-flowering; for edging and rockery. Flowers pure white. 1 ft. Pkt. 10c.; large pkt. 60c.

★**Alpina rosea.** Bright rose flowers. Very dwarf. 8 in. Pkt. 25c.; large pkt. 75c.

## ARCTOTIS · African Daisy

Annual.

3 ft.

★**Grandis.** Large, daisy-like flowers; pure white on upper surface, reverse petals lilac. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

## ASPARAGUS

★**Plumosus nanus.** An excellent plant for house or conservatory decoration, or cutting, on account of its graceful, finely cut foliage. Pkt. 10c.; 100 seeds, 60c.

★**Sprengeri.** One of the best plants to grow in hanging-baskets or window-boxes, vases, etc. Pkt. 10c.; 100 seeds, 60c.

## ASTERS (See page 10)

SPECIAL NOTE. While this lovely fall flower is very easily grown from seed, the greatest possible care should be exercised with the seed-bed. Old soil and boxes should never be used the second time without thoroughly sterilizing, to avoid the numerous diseases to which Asters are so susceptible. Barnyard manure should never be employed as a fertilizer; we recommend the use of fine-ground bonemeal. Asters should not be grown in the same location two years in succession.

# ANTIRRHINUM · Rustproof Snapdragon

## New Tetra Snaps

Annuals.

**Giant Ruffled (Tetra).** Largest flowered of all Snapdragons. Individual florets are huge—1¾ to 2¼ inches wide. Many distinctly and attractively ruffled. The plants are of husky growth, reaching a height of 3 feet and bearing many huge, close-set flower-spikes.

**New Orchid.** A rich orchid-purple with yellow blotch. Large florets. A strong grower. Pkt. 25c.; large pkt. 75c.

**New Yellow.** A new tall, base-branching, clear yellow with long spikes and very large flowers. Pkt. 25c.; large pkt. 75c.

**Velvet Giant.** The large fringed flowers have a pronounced velvety texture; deep crimson illumined with undertone of orange-bronze. Plants are base-branching, 2½ feet tall, with six to twelve spikes to a plant. Pkt. 25c.; large pkt. 75c.; ½oz. \$2.00.

**Choice Mixture.** Contains all the variations of pink, orange, red, yellow and scarlet. Pkt. 25c.; large pkt. 75c.; ½oz. \$2.00.

## Maximum Varieties

**Campfire.** Luminous scarlet.

**Canary Bird.** Brilliant canary-yellow.

**Michell's New Cherry Queen.** Brilliant cerise-rose, a very bright shade under artificial light.

**Crimson.** Color pure crimson, overlaying a ground of orange.

**Daffodil.** Two-tone daffodil-yellow.

**Indian Summer.** Coppery orange and scarlet.

**Loveliness.** Attractive pure, soft rose-pink.

**Reveille.** A deep luminous yellow with the upper lip of each floret toning to a lighter lemon-yellow.

**Rosalie.** Rich deep rose with an underlying tone of topaz or amber.

**Shasta.** Color pure white. Very early and free flowering.

**Yellow Giant.** Striking deep yellow.

**University of California Mixture.** All-America Winner. A combination of colors, the result of extensive crosses.

Any of above, pkt. 15c.; large pkt. 60c.; ¼oz. \$1.25

## New Super Majestic

This new group is superb as a cut-flower or for bedding.

**Crimson Shades.** Garnet and ruby shades.

**Dainty.** Delightful soft pink.

**Orange Shades.** Orange and gold shades.

**Orchid.** Lavender and orchid shades.

**Rose Sensation.** A beautiful rich rose-pink.

**Super Majestic Mixture.**

Any of the New Super Majestics, pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25

**Magic Carpet.** Very dwarf, free-flowering strain suitable for rockery or borders. A choice mixture of many colors. Pkt. 25c.; large pkt. 75c.

**Tom Thumb.** Dwarf, upright habit; height 1 foot. Choice mixed colors. Pkt. 15c.; large pkt. 60c.

1 to 3 ft.

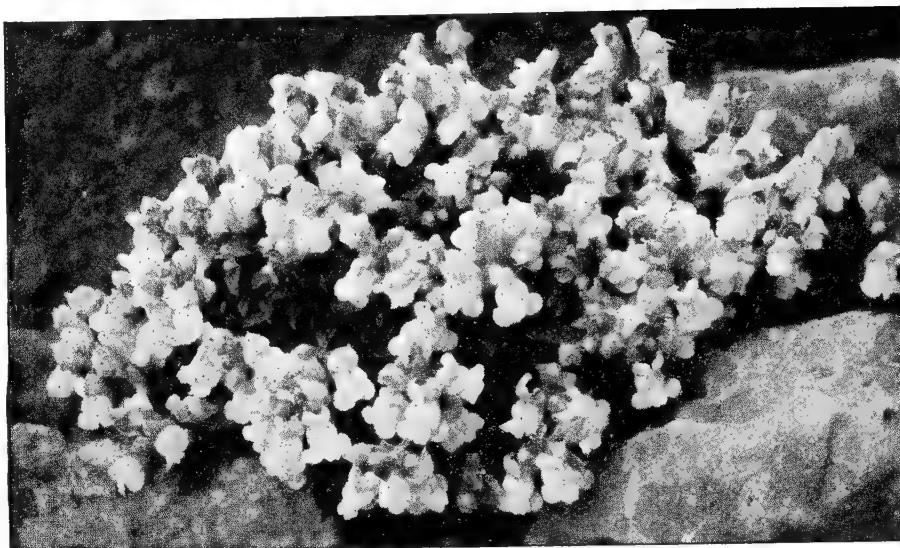
## Semi-Dwarf Varieties, Rustproof

**Choice Mixture.** Pkt. 25c.; large pkt. 60c.

## AURICULA · Primula Auricula

Perennial. 6 in.

★**Choice Mixed.** Flowers in many beautiful colors. Pkt. 10c.; large pkt. 75c.



Antirrhinum, Magic Carpet

## Special Forcing Varieties for Greenhouse Culture

**Afterglow.** Golden bronze. Large pkt. only, \$1.25.

**Ceylon Court.** Canary-yellow. Large pkt. only, 85c.

**Cheviot Maid Supreme.** An improvement on Cheviot Maid, deeper in color and longer stems. Large pkt. only, 85c.

**Lucky Strike.** New. The best large-flowering white to date. Large pkt. only, 85c.

**Rose Queen.** Dark pink. Large pkt. only, 85c.

**Special Forcing, Mixed.** Pkt. 25c.; large pkt. \$1.00.

# Michell's Superb Asters

## FUSARIUM-WILT-RESISTANT STRAINS

### Novelty Fusarium-Wilt-Resistant Strains

We believe the following varieties are practically immune to this disease. We feel sure that by using this seed many disappointments due to crop failures will be eliminated.

**Ballet Type.** This is the sensational new improved Queen Aster. The large flowers have full centers, longer stems and a very high wilt resistance. Finest Mixed Colors See color plate, inside front cover. Pkt. 25c.; large pkt. 75c.

**Little Giants.** Wilt-Resistant Novelty. Here is a distinctive new type of early Aster. Plants grow 12 inches tall and form a perfect mound of flowers. Blooms are of the feathery Crego type, 4 to 5 inches in size, and a plant will have 40 to 50 flowers showing at the same time. Habit of growth is somewhat similar to a miniature Christmas tree, as the branches spread laterally from a strong center trunk. Each branch carries from three to five flowers.

**Azure Fairy.** Lavender.

**Rosamond.** Soft rose-pink.

**White Mound.** Pure white.

**Mixture of above colors only.**

Each of above, pkt. 25c.; large pkt. \$1.00

**Super California Giant, Santa Maria (New).** Immense flowers, fully double, pure white in color. Excellent for cutting. Pkt. 25c.; large pkt. \$1.00.

### Single California Rainbow Aster

A tall single wilt-resistant Aster which is excellent for cutting. This rainbow mixture is a choice blend of colors. Pkt. 25c.; large pkt. 50c.

### Early Giant

The flowers are full petaled with broad, graceful petals, daintily plumed and inter-twined, 4 to 5 inches across. Plants 1½ to 2 feet tall.

**Light Blue.**

**Peachblossom.** Opens white, flushes pink.

**Rose Marie.** Rich lively shade of rose.

**Early Giant Mixed.** Above three varieties.

Any of above, pkt. 25c.; large pkt. 60c.

### American Beauty Asters

Similar in type of flower and growth to the well-known Late Branching Asters, but on much longer and heavier stems.

**Azure Fairy**  
**Carmine-Rose**  
**Crimson**

**Purple**  
**Shell-Pink**  
**White**

Any of above, pkt. 15c.; large pkt. 60c.

**Mixed.** Pkt. 15c.; large pkt. 50c.

### Crego's Giant Comet Asters

Gigantic flowers, often 5 inches across and with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge chrysanthemum. See color plate, page 5.

**Blue Flame.** Bright navy-blue.  
**Crimson**  
**Deep Rose**  
**Lavender**

**Shell-Pink**  
**Violet**  
**White**

Any of above, pkt. 15c.; large pkt. 60c.

**Mixed.** Pkt. 15c.; large pkt. 50c.



Aster, California Giant

### Princess

A very attractive cutting type of wilt-resistant Aster, 2 to 2½ feet tall, branching and free flowering. Early blooming, bearing quantities of 3 to 3½-inch flowers on strong stems. Flowers have a full deep crested center, surrounded by several rows of dainty plume-like guard petals.

**Linda.** Brings an important new color to the already popular Princess type—pure, clear rose.

**Anne.** Peach-blossom-pink.

**Barbara.** Orchid.

**Bonny.** Soft salmon-rose.

**Elizabeth.** New. Pure white.

**Golden Sheaf.** The deepest yellow Aster yet introduced. Fully double.

**Margaret.** New. Rose.

**Susan.** New. True deep blue.

**Mixed.** Finest mixed.

Any of above, pkt. 25c.; large pkt. 75c.

**Victory Giants Mixed.** *Honorable Mention, All-America Selections.* A splendid extra-early Giants of California or Comet type. Strong, sturdy plants, branching habit, growing 3 feet tall. The flowers average 5 inches across, and in a fine range of colors, including salmon-pink. Really a well-balanced mixture without reds. Pkt. 25c.; large pkt. 75c.

### Heart of France

**Ruby Red.** Pkt. 15c.; large pkt. 60c.

### Early Royal Branching Asters

An excellent strain of Early Branching Aster, of the same form and having the same good qualities as the Late Branching but blooming in July or early August.

**Azure-Blue**      **Purple**  
**Lavender**      **Rose-Pink**  
**Peach Blossom**      **White**

Any of above, pkt. 15c.; large pkt. 60c.

**Mixed.** Pkt. 15c.; large pkt. 50c.

### Michell's Improved Semple's American Branching Asters

This is the finest late-blooming Aster. The deep, heavy, incurved flowers are borne on rigid stems, often 2 feet and more in length.

**Azure-Blue**      **Peerless Pink**  
**Crimson**      **Purple**  
**Deep Rose**      **Shell-Pink**  
**Lavender**      **White**

Any of above, pkt. 15c.; large pkt. 60c.

**Mixed.** Pkt. 15c.; large pkt. 50c.

### Improved Queen of the Market Asters

Very desirable on account of their earliness and the freedom with which they bloom. Well-formed flowers are produced on 12-inch stems in the greatest profusion early in July.

**Ballet Queen.** A fascinating shade of deep salmon-rose.

**Crimson.**

**Dark Blue.** Purple.

**Light Blue.** Lavender.

**Peach Blossom.** Blush-pink.

**Rose-Pink.**

**White.**

Any of above, pkt. 15c.; large pkt. 60c.

**Mixed.** Pkt. 15c.; large pkt. 50c.

### Asters, Regular Strains Not Wilt-Resistant

#### California Giant Asters

The large flowers are of the Crego type, with the habit and long stems of the Beauty type. Their immense size and beauty, as well as their long stems, make them very attractive.

**Dark Purple**

**Deep Rose**

**Peach Blossom**

**White**

**Mixed Colors**

Any of above, pkt. 15c.; large pkt. 60c.

### Single Giant California Sunshine Asters

The plants grow 3 feet high and bear blossoms 5 to 6 inches across, on long, stiff stems. The dual color-tone effects formed by the quilled discs and encircling guard petals are lovely beyond description.

**Mixed.** Pkt. 25c.; large pkt. 50c.

### Two Novelty Super Giant Asters

Giants of California, late type, the largest yet introduced. Very artistic, due to the unusual curling and interlacing of the petals.

**El Monte.** A deep, glowing crimson. Flowers are large and fluffy. Very early. Pkt. 20c.; large pkt. 75c.

**Los Angeles.** Pure shell-pink. Stems unusually long. Pkt. 15c.; large pkt. 75c.

### AQUILEGIA - Columbine

Perennials. 2 to 3 ft.

These are among the most beautiful of spring and early summer flowers. Very effective in the herbaceous border and among shrubbery. Graceful spurred flowers above the fernlike foliage.

#### Select Long-Spurred Aquilegias

**Copper Queen.** Lovely deep copper, with long spurs of deeper blue.

**Crimson Star.** Crimson and white.

**Longissima.** The flowers are of striking formation, with deep yellow petals, paler yellow sepals and spurs 4 to 5 inches or more in length. Pkt. 25c.; large pkt. \$1.00.

**Blue Shades.**

**Orange and Scarlet Shades.**

**Pink and Rose Shades.**

**Snow Queen.** Pure white.

**Mrs. Scott Elliott's Select Strain.** Choice mixed. See color plate, page 20.

Any of above, pkt. 25c.; large pkt. 75c., except as noted

**Hybrids.** Mixed colors. Pkt. 10c.; large pkt. 60c.

### AQUILEGIA, continued

#### Standard Varieties

★**Alpina.** Blue and white. Fine for rock-gardens. 1½ ft. Pkt. 10c.; large pkt. 50c.

**Carulea.** Rocky Mountain Columbine. Large, violet-blue and white flowers. Pkt. 10c.; large pkt. 50c.

**Double, Mixed.** All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Single, Mixed.** All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

### BABY'S BREATH

See Gypsophila, page 16.

### BACHELOR'S BUTTON

See Centaurea and Gomphrena, pages 13, 15.

### DOUBLE BALSAM

#### Lady's Slipper

Annuals. 2 ft.

**Camellia-flowered, Choicest Mixed.** Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

**Double Bush Flowered.** Choice mixed. Pkt. 15c.; large pkt. 60c.; ¼ oz. \$1.25.

### BAPTISIA - False Indigo

Perennial. 3 ft.

**Australis.** A strong-growing plant. Dark green, deeply cut foliage and spikes of dark blue, pea-shaped flowers. June and July. Pkt. 10c.; large pkt. 50c.

### BEGONIA

Greenhouse or House Plants. 6 to 12 in.

The following varieties are unsurpassed for bedding plants, thriving equally well in partially shaded or sunny locations. As pot-plants for winter flowering, they are superb.

**Carmen.** Bright pink. Bronze foliage. Pkt. 35c.; large pkt. \$1.25.

**Christmas Cheer.** Flowers bright crimson-scarlet and produced in immense quantities. Pkt. 25c.; large pkt. \$1.25.

**Darling.** Plants are ball-shaped, of dwarf habit, growing about 8 inches high. Flowers large and of a brilliant carmine-rose. Pkt. 35c.; large pkt. \$1.00.

**Indian Maid.** Bright, deep scarlet flowers and dark bronze foliage. Pkt. 25c.; large pkt. \$1.25.

**Prima Donna.** Rose, shading to carmine. Pkt. 25c.; large pkt. \$1.25.

**White Pearl.** Lovely white variety. Pkt. 25c.; large pkt. \$1.25.

**Choice Mixed.** All colors. Pkt. 25c.; large pkt. \$1.25.

### BLUE LACE FLOWER

See Didiscus, page 14.

### BEGONIA, TUBEROUS-ROOTED

These are very popular because they are of easy culture and extremely showy. Thrive in semi-shady situations.

**Single, Choice Mixed.** Pkt. 35c.; large pkt. \$1.75.

**Double, Choice Mixed.** Pkt. 50c.; large pkt. \$1.75.

### BRACHYCOME

Annual. 12 in.

**Choice Mixed.** Swan River Daisy. Free-flowering, dwarf-growing; covered during the greater part of the summer with a profusion of dainty flowers. Pkt. 10c.; large pkt. 25c.

## BROWALLIA

Annuals. 1 1/2 ft.

A favorite bedding plant, producing beautiful flowers during the summer and autumn months.

**Elata caerulea.** Large, sky-blue flowers. Pkt. 10c.; large pkt. 30c.

**Speciosa major.** Most desirable variety as a pot or basket-plant. Rich blue flowers. Pkt. 25c.; large pkt. \$1.25.

## CACTUS

**All Kinds, Mixed.** Seed germinates irregularly over a period of 14 to 40 days. Pkt. 25c.; large pkt. 75c.

## CALCEOLARIA

Greenhouse or House Plants. Heights vary

Excellent plants for decorating the greenhouse or conservatory, producing a mass of pocketbook-like flowers.

**Michell's Ramona.** Free flowering, of dwarf, compact habit. The flowers are large, well shaped, and beautifully tigered, and the mixture contains a fine range of color in bronze, yellow, and red. Pkt. 50c.; large pkt. \$1.25.

**Albert Kent Hybrids.** Flowers medium size in large, graceful clusters in an excellent mixture. Pkt. 50c.; large pkt. 85c.

**Hybrida grandiflora pumila compacta.** Dwarf, compact grower, with immense trusses of large, self-colored and spotted flowers. 1 ft. Pkt. 25c.; large pkt. 85c.

## CALENDULA • Pot Marigolds

Hardy Annuals. 12 to 18 in.

Free-flowering and easily grown.

**Pacific Beauties.** The colors range from pale lemon-yellow-buff to deep orange, making the flowers very attractive. Excellent for cutting. Splendid mixture. Pkt. 25c.; large pkt. 50c.

**Sunbeams.** Blending of many delightful shades and color combinations, from pale cream to deep orange. Pkt. 25c.; large pkt. 60c.; 1/4 oz. \$1.00.

**Orange Shaggy.** Petals long and distinctly fringed or laciniated; color deep orange. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Campfire (Sensation).** Fine orange variety, with a scarlet sheen and full yellow center. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

**Chrysantha (Sunshine).** The large, double clear buttercup-yellow flowers bear a striking resemblance to a chrysanthemum. Pkt. 15c.; large pkt. 30c.; oz. \$1.25.

**Michell's Special Forcing, Orange.** Pkt. 15c.; large pkt. 50c.; oz. \$1.25.

**Ball Lemon Queen.** Medium deep yellow, with an attractive dark brown center. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

**Ball Orange.** Bright, glowing orange. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

**Lemon King.** Lemon-yellow. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

**Orange King.** Rich dark orange. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

**Mixed Colors.** Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

## CARDINAL CLIMBER

Quamoclit hybrida Slateri

Annual. 20 to 30 ft.

A rapid grower and free bloomer. Leaves dark green and deeply laciniated. Bears a profusion of fiery cardinal-red flowers. Pkt. 10c.; large pkt. 40c.; 1/4 oz. \$1.25.

## CASTOR-OIL BEAN

See Ricinus, page 24.

## CALLIOPSIS

Annuals. 12 to 24 in.

Showy and easily grown annuals. Perfect little bushes which are a mass of bloom from early summer until cut down by frost. Excellent for cutting.

**Golden Crest.** Color rich orange-yellow or gold with brown center. Pkt. 15c.; large pkt. 30c.; oz. \$1.00.

**Tall Varieties, Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Dwarf Varieties, Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 75c.

## CANDYTUFT • Iberis

Hardy Annuals. 6 to 18 in.

Dwarf, profuse-flowering garden annuals of easy culture and useful for bedding or borders. Bloom within 8 weeks after sowing.

**Michell's Giant White.** Immense, pure white spikes of bloom. Fine for forcing under glass for cutting and for pot culture. Pkt. 10c.; large pkt. 30c.; oz. \$1.10.

**Carmine.**

**Crimson.**

**Empress (Hyacinth-Flowered).** An excellent variety. Long trusses of white flowers.

**Lavender.**

**Pink.**

**Purple.** Deep rich purple.

**Rose-Cardinal.** Rosy red.

**Choice Mixed.** All colors.

Any of above, pkt. 10c.; large pkt. 25c.; oz. 75c.

★**Gibraltarica.** Perennial. Flowers lilac, shading to white. Pkt. 10c.; large pkt. 40c.

★**Sempervirens.** Dwarf spring-flowering perennial. Flowers glistening white. Fine for rockeries. 1 ft. May. Pkt. 10c.; large pkt. 60c.

## CERASTIUM • Snow-in-Summer

Perennial. 6 in.

★**Tomentosum.** Dwarf, white-leaved edging plant with white flowers. Pkt. 10c.; large pkt. 40c.

## CAMPANULA MEDIUM

Canterbury Bells

Hardy Biennials. 3 ft.

Showy with large, bell-shaped flowers. Sow from June 1 till September 1 and when strong enough transplant to a distance of 6 inches apart. They flower the following summer, after which they die.

**Single Blue** **Single White**

**Single Pink** **Single Mixed**

Any of above, pkt. 10c.; large pkt. 25c.; oz. \$1.00

## CAMPANULA MEDIUM

CALYCANTHEMA

Cup-and-Saucer Canterbury Bells

These produce beautiful, large, single flowers resembling a cup and saucer.

**Blue** **Pink**

**Lilac** **White**

**Mixed**

Any of above, pkt. 10c.; large pkt. 50c.; 1/4 oz. 75c.

**Campanula, Double Mixed.** Pkt. 10c.; large pkt. 40c.

## MISCELLANEOUS CAMPANULAS

The taller sorts are splendid for cut-flowers and most decorative; the dwarf sorts make excellent border plants.

★**Carpatica, Blue.** Dwarf; 6 in. Pkt. 10c.; large pkt. 40c.

★**Carpatica, White.** Dwarf; 6 in. Pkt. 10c.; large pkt. 40c.

**Persicifolia grandiflora, Blue.** Grows 3 to 4 feet high and produces large, bell-shaped flowers. Pkt. 15c.; large pkt. 60c.

**Persicifolia, Telham Beauty.** Large China Bluebells. 2 1/2 ft. Pkt. 35c.; large pkt. \$1.00.

**Persicifolia grandiflora alba.** White. Pkt. 15c.; large pkt. 60c.

**Pyramidalis, Mixed.** Chimney Bellflower. 5 ft. Pkt. 10c.; large pkt. 40c.

## CARNATION

Annual Varieties.

These are general favorites for their richness of color and delightful fragrance.

**Michell's Marguerite, Giant-Flowering, All-Double, Mixed.** This is an extra-selected strain in a range of 15 to 20 colors. The flowers are large, fully double, and very freely borne. Plants are of stocky upright growth, excellent for cutting. Pkt. 25c.; large pkt. 75c.

**GIANT ENFANT DE NICE.** Annual 20 inches high. The result of a cross between Chabaud's Giant and Perpetual. Plants are of robust habit, with long stems, producing flowers from 2 1/2 to 3 inches in diameter.

**Red.** Blood-red.

**Rose.** Deep rose.

**Salmon.** Light.

**White.**

**Mixed.**

Any of above, pkt. 25c.; large pkt. 75c.

## Chabaud's Giant Carnations

Blooms in five months after seed is sown and continues to bloom throughout the summer. Flowers of fine substance and usually come 90 per cent double.

**Jeanne Dionis.** Pure white.

**Marie Chabaud.** Yellow.

**Sparkler.** Brilliant cardinal-red.

**The Pearl.** Beautiful rose-pink.

**Choice Mixed.**

Any of above, pkt. 15c.; large pkt. 60c.

## Marguerite Carnations

These will bloom in four months after sowing the seed. The flowers are large, fragrant, and are produced continuously.

**Choice Mixed.** Pkt. 10c.; large pkt. 50c.; oz. \$3.00.

## CARNATIONS

Perennial Varieties.

**GRENADEIN.** The Grenadin Carnation is an excellent early-blooming, large-flowering type. Fine for cut-flowers.

**Black King.** A fine dark red.

**Cardinal.** Brilliant scarlet.

**Triumph Pink.** Pure rose-pink.

**White.** Snow-white.

**White Gold.** Soft yellow.

**Mixed.**

Any of above, pkt. 25c.; large pkt. 75c.



## CANARY BIRD VINE

### *Tropaeolum canariense*

Annual. 10 to 15 ft.

One of the most charming annual climbers, bearing hundreds of pretty, fringed, bright yellow flowers. Good for shade. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

## CELOSIA CRISTATA

### Crested Cockscomb

Annuals. 2 to 3 ft.

Very desirable annuals of easy culture, producing large, brilliant, comb-like heads.

**Gilbert's Maple Gold.** This new type grows 2 to 3 feet high, of good branching habit, each stem terminating in a lovely ball-shape cluster head that varies in size from small to 10 inches in diameter. The maple-pink heads vary in color from light to dark pink tipped with gold. Excellent for cutting and can be dried for winter bouquets. Pkt. 25c.; large pkt. 75c.

**Royal Velvet.** All-America Winner. Early-blooming, basal-branching Cockscomb type. Extra-large center head of rich ruby-red with velvety texture. Plants are 2 feet high, excellent for cutting. Pkt. 25c.; large pkt. 75c.

**Giant Empress.** Dwarf. Rich crimson. Pkt. 10c.; large pkt. 50c.

**Choice Mixed.** Dwarf varieties. Pkt. 10c.; large pkt. 40c.; 1/4oz. 85c.

## CELOSIA PLUMOSA

### Feathered Cockscomb

Annuals. 2 ft.

An excellent decorative plant for the garden. The feathery plumes are produced on long stems and are fine for cutting.

**Fiery Feather (Lilliput).** Ostrich Plume Cockscomb. Extra select dwarf strain; brilliant orange-red, fine for pots. Pkt. 25c.; large pkt. 75c.

**Golden Feather (Lilliput).** Ostrich Plume Cockscomb. Same type as above, with bright golden yellow flowers. Pkt. 25c.; large pkt. 75c.

**Golden Plume.** Bright golden yellow plumes. Pkt. 10c.; large pkt. 40c.

**Heatherdell.** Great trusses of feathered and interlaced plumes, in a fine range of red, pink, and yellow shades. Pkt. 25c.; large pkt. 75c.

**Pride of Castle Gould, Mixed.** Immense flower-heads that closely resemble ostrich plumes. Choice mixed. Pkt. 15c.; large pkt. 60c.

**Scarlet Plume.** Pkt. 10c.; large pkt. 40c.

**Choicest Mixed.** All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

## CELOSIA PYRAMIDALIS

**Improved Flame of Fire.** This new type is, without doubt, the finest in the Pyramidalis group. Plants perfectly pyramidal in shape, 1 1/2 feet high. Flowers brilliant crimson. Pkt. 25c.; large pkt. 60c.

## CHINESE WOOLFLOWER

### *Celosia Childsi*

Annuals. 2 1/2 ft.

Very effective for beds and borders. Ball-shaped flowers, resembling silky wool.

**Choice Mixed.** Pkt. 10c.; large pkt. 50c.

## CENTAUREA CYANUS

### Cornflower, Bachelor's Button

Annuals. 2 ft.

Also known as Blue Bottle, Ragged Sailor, Bluet, etc. An old favorite. Excellent for cutting.

**MICHELL'S SUPER-GIANT STRAIN.** This super strain is the last word in giant double Cornflowers.

**Micelli's Blue Bonnet.** Improved Blue Boy. A superior strain with large, deep blue, very double flowers. Pkt. 15c.; large pkt. 40c.; oz. \$1.00.

## Centaurea Cyanus, continued

**Blue Boy.** Deep cornflower-blue.

**Pinkie.** Clear deep pink.

**Red Boy.** The best deep red.

**Snowman.** Pure white.

**Choice Mixture.**

Any of above, pkt. 10c.; large pkt. 25c.; oz. 75c.

**Jubilee Gem.** This new dwarf type is very free flowering. Fine for pots or borders. Pkt. 15c.; large pkt. 50c.; oz. \$1.50.

## CENTAUREA IMPERIALIS

### Giant Cornflower, Sweet Sultan

Annuals. 2 to 3 ft.

**Choice Mixed.** Pkt. 10c.; large pkt. 25c.; oz. \$1.10.

## WHITE-LEAVED CENTAUREA

### Dusty Miller

Grown for their silvery foliage and used as edging plants and in hanging-baskets.

**Candidissima.** Broad cut leaves of silvery gray. Pkt. 10c.; large pkt. 50c.

**Gymnocarpa.** Fine cut silvery gray foliage. Pkt. 10c.; large pkt. 25c.

## VARIOUS CENTAUREAS

**Americana.** Handsome annual; large, thistle-like blooms of rosy lavender. 3 ft. Pkt. 10c.; large pkt. 25c.

**Americana alba.** Pure white. Pkt. 10c.; large pkt. 25c.

**Montana.** Perennial. Large; cornflower-blue. Pkt. 10c.; large pkt. 40c.

## CHEIRANTHUS

Annual. 18 in.

★**Allioni.** Siberian Wallflower. Orange flowers. Pkt. 10c.; large pkt. 25c.

## CHRYSANTHEMUMS

Annuals. 1 1/2 ft.

Exquisitely colored, daisy-like flowers.

**Carinatum, Merry Mixture.** An improved mixture of the single annual Painted Daisy in a wider choice of bright colors. Produces quantities of flowers on good cutting stems.

**Single, Mixed.** Pkt. 10c.; large pkt. 40c.; 1/4oz. 90c.; oz. \$3.00.

Perennials.

**Korean Hybrids.** Single and semi-double type in a fine color-range. Excellent for cutting. Pkt. 25c.; large pkt. \$1.25.

**Shasta Daisy, Alaska.** Extra-large flowers of pure glistening white. 2 ft. Pkt. 10c.; large pkt. 40c.

**Shasta Daisy, Conqueror.** Giant, single, pure white flowers. Pkt. 10c.; large pkt. 40c.

**Shasta Daisy, New Giant Double White.** Fine for cutting. Flowers extra large. Pkt. 25c.; large pkt. 75c.

## CINERARIA

1 to 3 ft.

Most ornamental plants for conservatory or house decoration. Seed may be sown from May to September for a succession. Our strains cannot be surpassed.

## Multiflora Grandiflora Maxima

Flowers measure 2 to 3 inches in diameter and produce 100 blooms and over to a plant. Mixed colors only. Pkt. 50c.; large pkt. 85c.



Cleome, Giant Pink Queen

## Multiflora Nana

### Berlin Market Strain

Very dwarf and compact. Flowers of large size, produced in great profusion and in a range of the best colors and shades.

**Mixed Colors.** Pkt. 50c.; large pkt. 85c.

## White-Leaved Cineraria

### Dusty Miller

**Maritima candidissima.** Silvery green, laciniated foliage. Good for edging. Pkt. 10c.; large pkt. 25c.

## CLARKIA ELEGANS

Annuals. 18 in.

Popular; of easy culture and much used for cutting, both indoors and out.

**Double, Salmon Queen.** Brilliant salmon.

**Double, Scarlet Queen.** Fiery scarlet.

**Double, White Prince.** White.

Any of above, pkt. 10c.; large pkt. 40c.

**Double, Mixed.** All colors. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

## CLEOME - Spiderflower

Hardy Annual. 3 to 4 ft.

**Giant Pink Queen.** Silver Medal, All-America Selection. Huge trusses of bright salmon-pink top the long stems of this distinctly novel plant. This Cleome is easily grown from seed planted directly in the border or garden. Pkt. 25c.; large pkt. 50c.

## COLEUS, LARGE-LEAVED VARIETIES

1 to 3 ft.

Popular bedding plants with beautifully colored foliage. Easily grown from seed.

**Glory of Vichy.** A beautiful mixture of apricot, bronze, pink and cream shades. A really fine strain with splendid form. Pkt. 35c.; large pkt. \$1.00; 1/8oz. \$3.50; 1/4oz. \$5.50.

**Rainbow Mixed.** An excellent mixture. Pkt. 35c.; large pkt. \$1.25; 1/8oz. \$3.50.

**Choice Mixture.** Pkt. 25c.; large pkt. 75c.; 1/8oz. \$2.50.

## COBAEA SCANDENS

### Cup-and-Saucer Vine

Annual. 30 to 50 ft.

Well-known climber of rapid growth, producing large, bell-shaped blooms. In sowing, place the seeds edgewise and merely cover with light soil.

**Purple.** Pkt. 10c.; large pkt. 40c.; ¼oz. 75c.

## COCKSCOMB

See Celosia, page 13.

## CONVOLVULUS - Morning-Glory

Annuals. 6 in. to 10 ft.

**Imperial.** Tall or climbing. Flowers of immense size and of a great variety of colors. Pkt. 10c.; oz. 30c.

## COREOPSIS

Perennials. 3 ft.

One of our most popular perennials. The attractive flowers are borne in great profusion and are excellent for cutting.

**Lanceolata grandiflora.** Single golden yellow flowers of graceful form. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Lanceolata grandiflora fl.-pl.** Double-flowering Coreopsis. Similar in habit to the above. Flowers double and semi-double. Splendid for cutting. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Mayfield Giant.** Extra-large flowers. Plants tall and of vigorous growth. Pkt. 10c.; large pkt. 30c.; oz. \$1.10.

## COSMOS

Hardy Annuals. 2½ to 6 ft.

One of the most beautiful and useful of hardy annuals, producing large, showy flowers in great profusion. Excellent for cutting.

**Radiance.** (Bodger.) *Silver Medal, All-America Selections.* A striking color combination never before seen in Sensation Cosmos: deep rose petals overlaid with a large, well-defined zone of rich crimson. Pkt. 25c.; large pkt. 50c.; ¼oz. 75c.

**Yellow Flare.** *Silver Medal, All-America Selections.* Similar to the original Orange Flare, except in color, which is a very rich golden yellow. Grows 3 to 4 feet tall. Pkt. 15c.; large pkt. 40c.; ¼oz. 60c.

**Semi-Double, Orange Ruffles.** The extra two or three rows of petals add immensely to the butterfly-like beauty of the richly colored orange bloom. Plants are from ten days to two weeks earlier blooming than Orange Flare. Pkt. 15c.; large pkt. 40c.; ¼oz. 60c.

**Double Early Sensation, Mixed.** Flowers are equally as large as the regular single Sensation. Two types—fluted and crested. The crested type has a large 2-inch crested center and the fluted are so double they resemble a camellia. Available in mixture only. Pkt. 25c.; large pkt. 60c.

### Giant Single Sensation 6 ft.

A mammoth early-flowering variety, coming into bloom in about 10 weeks from time of sowing.

**Cardinal.** New crimson color.

**Pinkie.** Light pink.

**Purity.** Pure white.

Any of above, pkt. 15c.; large pkt. 50c.

**Mixed.** Pkt. 15c.; large pkt. 50c.; ½oz. \$1.00

## Double Early-Flowering

This early-flowering strain will begin blooming in July and continue until frost.

**Mixed.** Pkt. 25c.; large pkt. 50c.

## Single Orange Flare

In full bloom in less than four months from sowing. Color, vivid orange. Pkt. 10c.; large pkt. 25c.; oz. \$1.10.

## Large Early-Flowering Single

**Crimson Pink White Mixed**  
Any of above, pkt. 10c.; large pkt. 25c.; oz. 90c.

## Single Late-Flowering

Large flowers of perfect form on long stems and lasting until frost.

**Giant Crimson**

**Giant Pink (Lady Lenox)**

**Giant White (White Lady)**

**Giant Mixed**

Any of above, pkt. 10c.; large pkt. 25c.; oz. 75c.

## CYCLAMEN

Attractive winter plant for the window and greenhouse. The flowers are beautiful and the foliage is ornamental.

**Mitchell's Giant Show, Mixed.** Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers. All colors. Pkt. 40c.; 100 seeds \$2.50.

## CYNOGLOSSUM

### Chinese Forget-me-not

Annuals. 15 to 24 in.

**Firmament.** All-America Winner. New, dwarf, compact type, 15 inches tall. Color deep ultramarine-blue. Excellent as a cutflower. Pkt. 25c.; large pkt. 40c.

**Amabile.** Of easy culture, producing sprays of intense blue, forget-me-not-like flowers which are very fragrant. 2 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

## CYPRESS VINE

### Ipomoea Quamoclit

Annual. 15 ft.

**Mixed.** A very graceful, twining, annual climber, with delicate fernlike foliage. Seed should be soaked for a few hours in warm water before sowing. Pkt. 10c.; large pkt. 40c.; ¼oz. \$1.00.

## DAISY, DOUBLE ENGLISH

### Bellis perennis

Biennials. 6 in.

The Monstrosa varieties surpass all other strains in their strong, robust growth and extra-large, double flowers.

**★Monstrosa, Crimson Ball.**

**★Monstrosa, Pink.**

**★Monstrosa, White**

**★Monstrosa, Mixed**

Any of above, pkt. 25c.; large pkt. 75c.

**Double Mixed.** A fine mixture. Pkt. 10c.; large pkt. 60c.

## DIDISCUS

Annual. 18 in.

**Cærulea.** Blue Lace Flower. Improved strain. Easily grown; becoming very popular. Attractive, umbel-shaped flowers of lacelike appearance. Delicate azure-blue. Excellent for cutting. Pkt. 10c.; large pkt. 30c.

## DAHLIAS FROM SEED

Annuals.

There is no more fascinating flower to raise from seed than the Dahlia.

### Single-Flowering

**Coltness Hybrids, Mixed.** Choice mixed colors. Pkt. 25c.; large pkt. 40c.

**Giant Perfection, Mixed.** Immense, single flowers of various colors and shades. Pkt. 10c.; large pkt. 40c.

### Double-Flowering

**UNWIN'S ALDDOUBLE DWARF HYBRIDS.** MICHELL'S INTRODUCTION. A new strain which will produce 100 per cent alldouble flowers and in a very wide range of selected colors. This is an excellent cut-flower variety; also makes a fine item for pot-plants. Pkt. 25c.; large pkt. \$1.00.

**Unwin's Dwarf Hybrids, Mixed.** Miniature, early-flowering, semi-double hybrids. A wide range of colors. Pkt. 25c.; large pkt. 60c.

**California Giants, Mixed.** A selection from named varieties, grown by a celebrated producer in California. Pkt. 50c.; large pkt. \$1.25.

**Cactus, Mixed.** Choice mixture of the best varieties. Pkt. 10c.; large pkt. \$1.00.

**Large-Flowering, Mixed.** (Show type.) Extra fine. Pkt. 10c.; large pkt. 75c.

## DATURA - Angel's Trumpet

Annual.

**Wrightii.** Giant trumpets that open soft rose-lavender, gradually becoming white. Free flowering. Pkt. 10c.; large pkt. 50c.

## DIGITALIS - Foxglove

Hardy Biennials. 4 to 5 ft.

Ornamental hardy plants, succeeding almost anywhere. Long spikes of beautiful, tubular-shaped flowers.

**Giant Shirley, Mixed.** Enormous spikes of flowers.

**Purpurea gloxiniaeflora, Mixed**  
Any of above, pkt. 10c.; large pkt. 40c.

**Purpurea monstrosa.** Mammoth spikes; various colors. Pkt. 15c.; large pkt. 40c.

## DIMORPHOTHECA

### African Daisy

Annuals. 12 in.

**Aurantiaca.** Bushy plants with orange-gold, daisy-like blooms on long stems. Pkt. 10c.; large pkt. 30c.; oz. \$2.00.

**Aurantiaca Hybrids, Mixed.** A fine mixture of colors and shades. Pkt. 10c.; large pkt. 30c.; oz. \$1.50.

## DORONICUM CAUCASICUM

Perennial. 2 ft.

Yellow, daisy-like flowers. Seed germinates slowly. Pkt. 25c.; large pkt. \$1.25.

## DOLICHOS - Hyacinth Bean

Annual. 10 ft.

**Lablab, Mixed.** Rapid-growing climber bearing a profusion of purple or white bean-like flowers. Pkt. 10c.; oz. 40c.

## DELPHINIUM

### Hardy Larkspur

Perennials.

3 to 6 ft.

### Giant Pacific Hybrids

This splendid strain is, without doubt, the finest in existence. The spikes are strong and closely set, and the flowers are as large as a silver dollar. It is practically immune from mildew, and is proving a splendid variety for cut-flower purposes. See color plate, page 20.

**Black Knight Series.** Darkest of them all.

**Blue Bird.** Medium blue, white bee.

**Bluejay Series.** True blue.

**Cameliard Series.** Pure lavender self tone with white bee.

**Galahad Series.** Pure white.

**Guinevere Series.** Light pink-lavender.

**King Arthur Series.** Royal purple.

**Percival.** White with contrasting black bee. Very attractive.

**Round Table Series.** Various color combinations.

**Summer Skies Series.** Clear light blue.

**White Majesty.**

Any of above, pkt. 50c.; large pkt. \$1.75

**Dark Blue Shades.**

**Light Blue Shades.**

**Pastel Shades.**

**Mixed.**

Any of above, pkt. 50c.; large pkt. \$1.50

**Blackmore & Langdon's Imported Strain, Mixed.** A selected English variety. Immense spikes of very large flowers. Choice mixture of colors. Pkt. 25c.; large pkt. 75c.

**English Hollyhock, Watkin Samuels' Wrexham Strain, Selected Mixture.** Immense spikes. Pkt. 50c.; large pkt. 75c.; 1/4 oz. \$1.00.

**Belladonna, Lamartine.** Deep bright marine-blue with white eye. Outstanding for color and cut-flower habit. Pkt. 25c.; large pkt. 75c.

**Belladonna, Improved.** One of the most continuous-blooming varieties. Immense spikes of clear turquoise-blue flowers. 5 ft. Pkt. 25c.; large pkt. 60c.

**Bellamosum, Improved.** A rich, deep blue form of the popular light blue Belladonna. Pkt. 25c.; large pkt. 60c.

**Cardinal.** Very large, scarlet flowers. 3 to 4 ft. (Seed of slow germination.) Pkt. 25c.; large pkt. 60c.

**Gold Medal Hybrids, Mixed.** An extra-fine strain containing many shades of blue. Pkt. 10c.; large pkt. 50c.; oz. \$2.50.

## DELPHINIUM

Annuals.

**Blue Butterfly.** Exquisite deep blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.75.

**Blue Mirror.** Bright navy-blue flowers without spurs. Can be treated as an annual, also perennial. Excellent for cutting. Pkt. 25c.; large pkt. 75c.; 1/4 oz. \$1.25.

**Cambridge Blue.** Azure-blue. 3 ft. Pkt. 15c.; large pkt. 60c.; oz. \$3.00.

**Grandiflorum album.** Pure white. 3 ft. Pkt. 10c.; large pkt. 40c.; oz. \$1.75.

**Liberty Larkspur.** Dark blue. 3 ft. Pkt. 15c.; large pkt. 40c.; oz. \$1.75.

**Chinensis, Finest Mixed.** 3 ft. Pkt. 10c.; large pkt. 40c.; oz. \$1.75.

## DICTAMNUS • Gas Plant

Perennial.

2 1/2 ft.

**Fraxinella.** Showy, bushy plants with purple-red flowers. June, July. Pkt. 10c.; large pkt. 50c.

## DIANTHUS • Pinks

Easily raised from seed. Flower abundantly and continuously until frost.

### Sweet Wivelsfield

This annual is a hybrid. Seed started indoors in January and planted out in April will commence to flower in May, blooming profusely all summer in a great variation of colors. Pkt. 15c.; large pkt. 30c.

Double Annual.

**Chinensis, Mixed.** China or India Pink. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

**Fringed, Mixed.** Large flowers. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Mixed.** Choice colors. Pkt. 10c.; large pkt. 30c.; oz. \$2.00.

Single Annual.

**New Single Improved Gaiety.** An excellent large-flowered type with well-fringed flowers in a brilliant mixture of colors. Pkt. 15c.; large pkt. 60c.; oz. \$3.00.

**Heddensis, Westwood Beauty.** Honorable Mention, All-America Selections. Flowers single, 1 1/2 to 2 1/4 inches, deeply laciniated. The color is somewhat variable in shades of crimson and scarlet, some having attractive white edgings. Average height 16 inches. Pkt. 25c.; large pkt. 50c.; oz. \$2.00.

**Heddensis, Finest Mixed.** The All-America Award winner Westwood Beauty is now offered in the full range of Dianthus colors. Well-formed, 2-inch flowers on long 16-inch stems, fine for cutting. Pkt. 25c.; large pkt. 50c.; oz. \$2.00.

**Mixed.** All colors. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

## DIANTHUS Hardy Garden Pinks

Perennials.

★ **Cæsius.** Cheddar Pink. Produces masses of pink flowers. Fine for rockeries. Pkt. 10c.; large pkt. 50c.

**Clove-scented, Mixed.** Double and semi-double varieties in beautiful colors; fragrant. Pkt. 10c.; large pkt. 50c.

★ **Deltoides, Brilliant.** Maiden Pink. Dwarf; brilliant carmine. Pkt. 15c.; large pkt. 60c.

**Double Scotch, Mixed.** Choice colors. Pkt. 10c.; large pkt. 60c.

**Pheasant's Eye, Mixed.** Single fringed flowers. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

★ **Rock-Garden Species.** A special mixture of 25 rare varieties well adapted for rock-gardens. Pkt. 25c.; large pkt. 75c.

## ESCHSCHOLTZIA California Poppy

Hardy Annuals.

1 ft.

Elegant, with fine-cut foliage and large, Poppy-like flowers from June until frost. Fine for borders or large beds.

**Californica.** Pure yellow.

**Choice Mixed.**

Either of above, pkt. 10c.; large pkt. 25c.; oz. 85c.

## EUPHORBIA

Annuals.

2 to 3 ft.

Suitable for beds of tall-growing plants or mixed borders. Showy ornamental foliage.

**Heterophylla.** Mexican Fire-Plant. Glossy green leaves turning to orange-scarlet in midseason. Pkt. 10c.; large pkt. 25c.; oz. \$2.00.

**Variegata.** Snow-on-the-Mountain. Foliage veined and margined with white. Pkt. 10c.; large pkt. 25c.; oz. 75c.



↑  
Dianthus  
Double  
Fringed  
Mixed  
(Annual)



Dianthus cæsius

## EVERLASTING FLOWERS

These should be grown in every garden, not only for summer blooming, but also as dried cut-flowers for winter decoration.

### ACROCLINIUM

Annual.

1 to 3 ft.

Showy and free-flowering. Excellent for cutting.

**Sensation Giants.** An improved strain that grows 6 to 8 inches taller. Each flower is full double and will average 3 inches across. The colors range from medium rose to light pink shades. Pkt. 15c.; large pkt. 60c.

### GOMPHRENA • Globe Amaranth

Annuals.

Also called "Bachelor's Buttons." A showy Everlasting.

**Buddy.** New. Dwarf purple. An excellent strain for pot-plants or borders. Uniform ball-shaped plants 6 inches tall; very long-blooming. Pkt. 15c.; large pkt. 50c.; 1/4 oz. 85c.

**Globosa.** 18 to 24 in. Red-purple. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

**Mixed.** All colors. 2 ft. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

### HELICHRYSUM MONSTROSUM Strawflower

Annuals.

4 ft.

One of the best and most popular of the Everlastings. Large, double blooms.

**Choice Mixed.** Pkt. 10c.; large pkt. 30c.; oz. \$1.75.

## DUSTY MILLER

See *Centaurea* and *Cineraria*, page 13.

## FEVERFEW

See *Matricaria*, page 21.

## FLOWERING TOBACCO

See *Nicotiana*, page 21.

## FOUR O'CLOCK

See *Marvel of Peru*, page 18.

## FOXGLOVE

See *Digitalis*, page 14.

## GAILLARDIA • Blanket Flower

*Annuals.* 15 to 18 in.

Lovely showy annuals for beds or borders. Excellent for cutting. Blooms continuously from early summer until November.

**Indian Chief.** Single; brilliant bronzy red.

**Double Annual, Mixed** (*G. picta* *Lorenziana*).

**Single Annual, Mixed** (*G. picta*).

Any of above, pkt. 10c.; large pkt. 25c.; oz. \$1.25

*Perennials.* 2 ft.

One of the most showy hardy perennials, blooming the first year from seed if sown early.

**Grandiflora, Monarch Strain.** Giant flowers in an exquisite mixture. Pkt. 15c.; large pkt. 50c.

★**Grandiflora, Goblin.** Dwarf, compact variety especially suited for the rock-garden. The plants attain a height of 12 to 15 inches, covered with large, showy, deep red flowers. Pkt. 25c.; large pkt. 75c.

**Grandiflora, Portola Hybrids.** Flowers of immense size, ranging through shades of bronzy red with golden-tipped petals. Pkt. 15c.; large pkt. 50c.

**Grandiflora, Tangerine.** Giant orange flowers, overlaid with red. Pkt. 25c.; large pkt. 50c.

**Grandiflora superba, Mixed.** Pkt. 10c.; large pkt. 40c.; oz. \$1.60.

## GERBERA • Transvaal Daisy

18 in.

**Jamesoni Hybrids, Mixed.** Excellent greenhouse perennials with large, fine-leaved, daisy-like flowers. These hybrids include a wonderful range of brilliant colors and shades. Pkt. 25c.; 100 seeds, 75c.

## GERANIUM

Heights vary

**Zonale, Mixed.** Single. Pkt. 10c.; large pkt. \$1.00.

## GEUM

*Perennials.* 18 in.

Beautiful, hardy perennials bearing large, showy, double flowers all through the summer. Fine for bouquets.

**Lady Stratheden.** Golden yellow. Pkt. 25c.; large pkt. 60c.

**Mrs. Bradshaw.** Brilliant scarlet. See color plate, page 20. Pkt. 15c.; large pkt. 60c.

**Prince of Orange.** True orange shade; large flowers. Pkt. 25c.; large pkt. 75c.

## GOMPHRENA • Globe Amaranth

See *Everlastings*, page 15.

## GLOXINIA

12 in.

**Hybrida grandiflora.** Excellent greenhouse plants with flowers of the richest colors. Our seed is saved from selected plants of a collection grown by a specialist. Pkt. 25c.; large pkt. 85c.

## GODETIA • Satin Flower

*Hardy Annuals.*

Beautiful and easily grown annuals producing a profusion of flowers of satiny texture.

**Exquisite Dwarf Single Mixed.** Small pkt. 10c.; large pkt. 30c.; ¼ oz. 75c.

## GYPSOPHILA • Baby's Breath

Pretty, free-flowering plants of easy culture. Excellent for cutting to mix with other flowers.

*Annuals.* 1 to 2 ft.

**Elegans alba grandiflora.** True Paris Market Strain. A fine annual variety. Delicate sprays of pure white flowers. Pkt. 10c.; oz. 40c.; ¼ lb. \$1.00.

**Elegans carminea.** Bright carmine-rose. Pkt. 10c.; oz. \$1.25.

*Perennials.*

**Oldhamiana.** Bright pink, fragrant flowers. 2½ ft. Pkt. 10c.; large pkt. 50c.

**Paniculata.** White flowers in graceful sprays. 3 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Paniculata fl.-pl.** A profusion of double white flowers coming 30 to 40 per cent true. 3 ft. Pkt. 20c.; large pkt. 75c.

★**Repens.** A pretty dwarf, trailing plant for the rockery. Tiny white flowers. 6 in. Pkt. 10c.; large pkt. 50c.

## HARDY SWEET PEAS

See *Lathyrus*, page 18.

## HELIANTHUS

See *Sunflower*, page 24.

## GOURD, ORNAMENTAL

*Annuals.* 15 to 20 ft.

Rapid-growing, interesting climbers with ornamental foliage and singularly-shaped fruit.

**Large Sorts, Mixed.**

**Small Sorts, Mixed.**

Either of above, pkt. 10c.; large pkt. 25c.; oz. 75c.

## HELICHRYSUM

See *Everlastings*, page 15.

## HELIOTROPE

*Annuals.* 18 in.

A well-known and highly prized plant because of the delightful fragrance of the flowers. Fine for pots or bedding.

**Regal, Mixed.** Of dwarf, compact growth. Immense flowers. All shades. Pkt. 15c.; large pkt. 75c.

**Choice Mixed.** Pkt. 10c.; large pkt. 60c.

## HEUCHERA

*Perennials.* 30 in.

**Sanguinea splendens.** Coral-Bells. Perennial. Bright vermilion blooms. Excellent for cutting.

**Sanguinea hybrida, Choice Mixed.** Identical to above, except in a mixture of shades.

Either of above, pkt. 15c.; large pkt. 75c.

## HIBISCUS • Marshmallow

*Perennials.*

4 ft.

Flowers of enormous size, often 10 to 12 inches in diameter.

**New Avalon Hybrids.** An exceedingly diverse strain not only in flower form and color but in foliage and plant habit as well. Flowers are huge, and the color varies from the palest blush through pinks into vivid, rich red. Pkt. 25c.; large pkt. 75c.

**Giant Choice Mixed.** Pkt. 10c.; large pkt. 40c.

## HONESTY • Lunaria; Moonwort

*Hardy Biennial.*

2 ft.

**Biennis alba.** Admired for its silvery seed-pods. Beautiful and curious. Pkt. 10c.; large pkt. 60c.

## HOLLYHOCK

*Hardy Perennials.*

6 to 7 ft.

Succeeds best in rich, well-drained soil. Seed sown any time before midsummer will produce fine plants for blooming the following summer.

**Improved New Triumph.** Rustproof. Flowers double, waved and fringed, in a selected mixture of many choice new colors. Pkt. 25c.; large pkt. 60c.

**Chater's Double Maroon.**

**Chater's Double Newport Pink.**

**Chater's Double Pink.**

**Chater's Double Red.**

**Chater's Double Salmon.**

**Chater's Double White.**

**Chater's Double Yellow.**

Any of the above, pkt. 10c.; large pkt. 50c.; oz. \$2.00, except where noted

**Chater's Double Mixed.** Pkt. 10c.; large pkt. 50c.; oz. \$1.50.

*Annual.*  
While these are also perennial varieties, if seed is sown in the house in March or April, they will bloom the first season.

**Double Annual, Indian Summer.** All-America Bronze Medal Winner. New double Hollyhock that blooms in the summer from seed sown early in spring; also can be treated as a perennial. Choice mixed. Pkt. 25c.; large pkt. 75c.

**Double Everblooming, Mixed.** Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

## Single Hollyhock

**Mixed Colors.** Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

## HUNNEMANNIA

**Giant Yellow Tulip Poppy**

*Annuals.* 12 in.

Seed sown outdoors in May produces large quantities of giant, Tulip-like flowers during latter part of July and continuing for the rest of the season.

**Fumariæfolia.** Giant yellow variety. Pkt. 10c.; large pkt. 25c.; oz. 85c.

**Sunlite.** All-America Winner. Semi-double, bright canary-yellow. Gray-green foliage. Pkt. 10c.; large pkt. 40c.; oz. \$2.00.

## IMPATIENS

*Annuals.* 12 to 18 in.

A charming plant for house and conservatory decoration, flowering profusely and almost continuously.

**Holsti.** Flowers large, vermilion-red. Pkt. 20c.; large pkt. 75c.

**Holsti, New Hybrids, Mixed.** Choice mixed colors. Pkt. 15c.; large pkt. 75c.

**Sultani Hybrids, Mixed.** Various colors. Pkt. 15c.; large pkt. 75c.



# PETUNIAS

*Are Easy  
to Raise  
and  
Are Very  
Colorful*



## ROSE QUEEN

Single, large-flowering, plain-edged dwarf type. Compact habit; free flowering. Color brilliant rose - pink. **Pkt. 25c.; large pkt. 75c.**



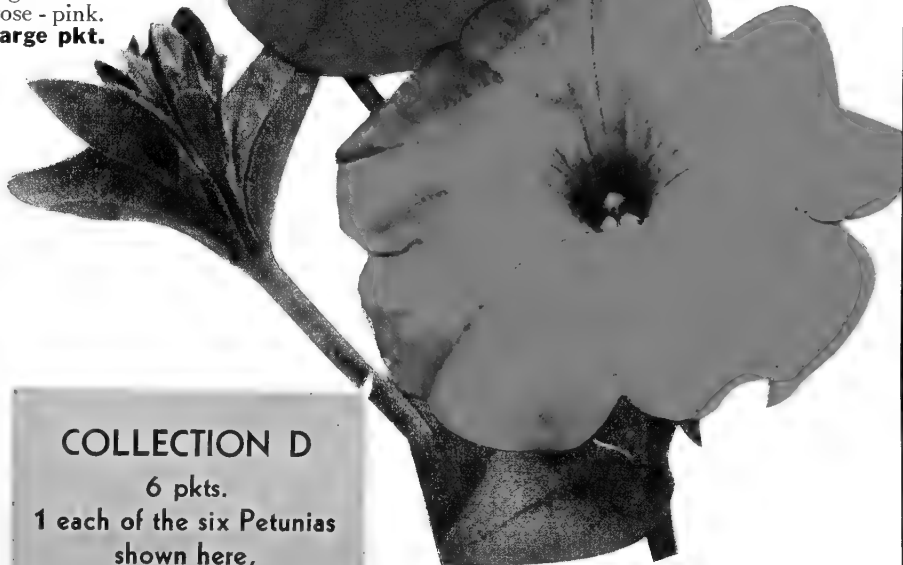
## ENGLISH VIOLET

Almost the same beautiful color as English violets. The plants grow normally 15 inches high, quite compact. **Pkt. 25c.; large pkt. 75c.**



## TOPAZ ROSE

The color of this Petunia is a fiery, velvety rose, slightly suffused with gold. **Pkt. 25c.; large pkt. 60c.**



## RUBY QUEEN

Like Rose Queen except color, which is a clear ruby-red. **Pkt. 25c.; large pkt. 75c.**

## COLLECTION D

6 pkts.

1 each of the six Petunias shown here,

**\$1.25**  
Postpaid



## FLAMING VELVET

Rich, brilliant, velvety blood-red, medium-sized flowers. **Pkt. 25c.; large pkt. 75c.**



## IGLOO

Pure white flowers of medium size with a slight yellow throat. The plants are uniformly compact throughout the season and continue to flower until frost. **Pkt. 25c.; large pkt. 75c.**

## IPOMOEA

### Morning-Glories

Annual Climbers. 12 ft.

**Darling.** (1951 Novelty.) A distinct break from Scarlett O'Hara Morning-Glory. Darling is the same rich wine-red but with a snowy white throat that provides enough contrast to make the flowers stand out immediately. When in full bloom, Darling is a very showy sight. The flowers are much larger and longer stemmed; otherwise the same plant habit, flower size, growth characteristics and earliness. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25.

**Blue Star.** Honorable Mention, All-America Selections. An entirely new color in Giant Morning-Glories, a distinct shade of clear sky-blue accentuated by the five deeper blue midribs that form an attractive star. The flowers are of great size, being larger and earlier than the ever-popular Clarke's strain of Heavenly Blue. They average from 4 to 4½ inches in diameter. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.00.

**Pearly Gates.** Silver Medal, All-America Selections. Lovely lustrous white flowers with creamy shading deep down in the throat; they average 4½ inches across. Pkt. 15c.; large pkt. 60c.; ¼oz. 85c.

**Scarlett O'Hara.** All-America Winner. The blooms measure from 3 to 4 inches in diameter and are a vivid scarlet. Its first flowers will begin to appear in about sixty-five days from seed and remain open all day even in the warmest weather. Pkt. 15c.; large pkt. 40c.; ¼oz. 85c.

**Clarke's New Early Improved Heavenly Blue Morning-Glory.** Bright blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.00.

**Noctiflora.** Moonflower. At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.

## KOCHIA • Summer Cypress

Hardy Annual. 2 to 3 ft.  
**Childsi.** Easily grown. Forms a cypress-like hedge with feathery green foliage that turns to a deep red color. Pkt. 10c.; large pkt. 25c.; oz. 60c.

## LANTANA HYBRIDA

Annual. 2 ft.  
**Choice Mixed.** An easy-to-grow bedding plant, bearing in great profusion verbenalike flower-heads in white, rose, orange, scarlet. Pkt. 10c.; large pkt. 40c.

## LAVENDER • Lavandula vera

Hardy Perennial. 18 in.  
Bears long spikes of fragrant blue flowers. Pkt. 10c.; large pkt. 50c.

## LARKSPUR, PERENNIAL

See Delphinium, page 15.

## ANNUAL LARKSPUR

Hardy Annuals. 3 ft.  
**New Supreme Strain**

This new giant base-branching type has a much longer main spike, with larger flowers, fully double and more closely spaced on the main stem than existing types.

The following popular colors are available now:

**Dark Blue Supreme.** Rich violet-purple.  
**Lilac Supreme.** The best clear lilac to date.  
**Pink Supreme.** Clear bright rose-pink.  
**Rose Supreme.** Clear deep rose.  
**Salmon Supreme.** True salmon-pink.  
**White Supreme.** Pure white.  
**Choice Mixed.** See color plate, inside front cover.

Any of above, pkt. 25c.; large pkt. 60c.; oz. \$2.50

## Giant Imperial Larkspur

Identical in branching habit with Giant Imperial Stock. Very double flower; strong growth.

**Deep Carmine King Improved.** New. A larger, more beautiful Carmine King which will hold its color under the most trying conditions.

**Blue Bell.** Clear light blue.

**Blue Spire.** An intense deep Oxford-blue.

**Brilliant Rose.** The finest rose-pink to date. An excellent variety for cutting.

**Exquisite Rose.** A beautiful shade of rose-pink.

**Lilac King.** A true lilac shade.

**Lilac Queen.** Rich lilac, shading lavender-blue.

**Lilac Spire.** Bright lilac.

**Los Angeles.** Rich salmon overlaid with brilliant rose.

**Miss California.** Pale shaded salmon.

**Pink King.** New. Soft warm salmon-rose.

**Pink Perfection.** Lively shade of light pink; large florets.

**Sweet Lavender.** Light lavender-blue.

**White King.** All-America Winner. Giant, pure white flowers on long spikes.

**White Spire.** A dazzling pure white.

**Choice Mixed.**

Any of above, pkt. 15c.; large pkt. 40c.; oz. \$1.60

## LATHYRUS LATIFOLIUS

### Everlasting or Perennial Pea

Hardy Perennials. 6 to 8 ft.  
A showy climber for covering walls, stumps, fences, etc.

**Crimson.** Brilliant.

**Pink Beauty.** Bright rosy pink.

**White.**

**Choice Mixed.** All colors.

Any of above, pkt. 10c.; large pkt. 30c.; oz. \$1.25

## LEPTOSYNE

Annual. 3 ft.  
One of the quickest-growing annuals, blooming in 5 weeks after sowing the seed.  
**Maritima.** Large, lemon-yellow, Marguerite-like flowers. Pkt. 10c.; large pkt. 30c.

## LIATRIS • Blazing Star

Perennials. 4 ft.  
**Pycnostachya.** Showy border plant with long spikes of violet-purple flowers. Pkt. 15c.; large pkt. 60c.

## LINUM • Flax

Annual. 16 in.  
**Grandiflorum rubrum.** Large-flowered scarlet flax. Pkt. 10c.; large pkt. 25c.  
Perennial. 18 in.  
**Perenne.** Bright blue flowers. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

## LILIUM • Lily

Perennials. 3 to 6 ft.  
**White Queen.** A giant, snow-white, early-flowering variety of the Philippinense formosanum type. This strain bears very large flowers and will bloom in approximately 15 months from seed. Pkt. 25c.; large pkt. \$1.25.  
**Regale.** Perfectly hardy and also excellent for forcing. Flowers waxy white; fragrant. Pkt. 15c.; large pkt. 30c.

## LUPINUS • Lupin

### Hartwegi Giants or King

Annuals. 3 to 4 ft.

A new and improved strain with the base-branching habit. Each plant produces from 4 to 6 spikes of bloom.

**King Blue.** Enormous spikes of rich Oxford-blue color.

**King Sky-Blue.** Clear light blue.

**King White.** Glistening pure white. Giant spikes.

**Choice Mixture.**

Any of above, pkt. 15c.; large pkt. 30c.

**Rich Blue  
Pink  
Sky-Blue**

**White  
Mixed.** All colors

Pkt. 10c.; large pkt. 25c.; oz. \$1.00

## Lupinus polyphyllus

Perennials. 2 to 3 ft.

Of easy culture. Graceful spikes of pea-shaped flowers, fine for cutting. May, June.

**Blue.** Pkt. 10c.; large pkt. 30c.

**Roseus.** Pink. Pkt. 10c.; large pkt. 30c.

**White.** Pkt. 10c.; large pkt. 30c.

**Mixed.** Pkt. 10c.; large pkt. 30c.; oz. \$1.25.  
**New Hybrids, Mixed.** Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

**Russell.** A great variety of rich colors—deep yellows, oranges, reds, and brilliant bicolors never seen in Lupins before. The florets are large, with flat, fanlike standards and, unlike all other Lupins, most of the spikes retain their florets throughout the whole period of development. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25.

## LINARIA • Toadflax

Annual. 6 to 8 in.

**Fairy Bouquet, Mixed.** Dwarf; large flowering. Choice mixture. Fine for bedding. Pkt. 10c.; large pkt. 40c.

## LOBELIA

Annuals. 4 to 12 in.

No garden is complete without an edging of blue Lobelia.

**Cambridge Blue, Sutton's.** New. Large, light blue flowers. Dwarf, compact growth. Pkt. 25c.; large pkt. 75c.

**Crystal Palace Compacta.** Very compact. Deep blue. The best for edging. Pkt. 10c.; large pkt. 75c.

**Crystal Palace Speciosa.** Of trailing habit. Deep ultramarine-blue. Fine for vases. Pkt. 10c.; large pkt. 40c.

**Mrs. Clibran.** Dwarf. Deep blue flowers with white eyes. Excellent for borders. Pkt. 20c.; large pkt. 75c.

**Michell's Blue Stone.** An excellent dwarf variety of compact growth. Plants are completely covered with large, bright blue flowers. Fine for borders or boxes. Pkt. 20c.; large pkt. 75c.

**Sapphire.** A beautiful trailing variety of strong growth. The flowers are unusually large; deep blue, with large, clearly defined white eye. Pkt. 20c.; large pkt. 75c.

## LYCHNIS

Perennial. 2½ ft.

For massing in large beds or borders.

**Chalcedonica.** Rose Campion. Fine, scarlet, crosslike flowers. July. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

## MARVEL OF PERU • Four o'clock

Annuals. 8 to 20 in.

**Dwarf Mixture.** A uniformly dwarf strain, well adapted for bedding or border work. Fine range of bright colors. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

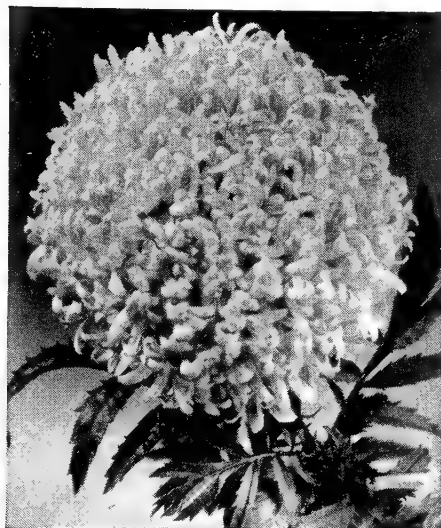
**Choice Mixed.** Free-flowering garden favorites. Pkt. 10c.; oz. 60c.

# MARIGOLD • Tagetes


THE GOLD OF THE MARIGOLD FOR CHEER

Hardy Annuals.

These are old, favorite, free-flowering annuals with rich, showy flowers all summer. The Tall African varieties are well adapted for large beds or mixed borders, while the Dwarf French varieties are better suited for bedding purposes.



Marigold, Glitters

**Glitters.** Chrysanthemum-flowered type.  *All-America Bronze Medal Winner for 1951.* Fluffy chrysanthemum-like, bright canary-yellow flowers 3 inches across are produced on long strong stems. The bushy, erect, 2-foot plants are continuously in bloom from early summer until frost. Pkt. 25c.; large pkt. 75c.

**Happiness.** Chrysanthemum-flowered Type. A new early bloomer growing about 15 to 18 inches tall. Chrysanthemum-like blooms 3½ inches across, produced in large numbers per plant. The color is a charming golden yellow. Pkt. 25c.; large pkt. 60c.

## Tall African

Tall-growing, from 2½ to 4 feet high.

**Burpee Gold.** Beautiful carnation-like flowers, fully double, 3½ inches across; color is an even rich orange. Plants minus the disagreeable odor. Pkt. 25c.; large pkt. 50c.

**Goldsmith.** *Bronze Medal, All-America Selections.* Produces from 8 to 12 stems of large golden orange blooms. Pkt. 25c.; large pkt. 50c.

**Giant Chrysanthemum-Flowered Hybrids.** Many new and distinct types, varying in size of blooms. Pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

**Mission Giants, Yellowstone.** *All-America Selections.* Bright rich clear yellow counterpart to Goldsmith. Large 2½-inch flower. 3 to 5 ft. Pkt. 25c.; large pkt. 50c.

**Mammoth Mum.** Flowers are fluffy, ball-like, light sulphur-yellow in color. 3½ inches across. Plants are 30 inches high. Early flowering. See color plate, page 8. Pkt. 25c.; large pkt. 60c.

**Gigantea, Orange Sunset.** Flowers are unquestionably the largest Marigolds to date. Rich orange. Pkt. 25c.; large pkt. 50c.

**Gigantea, Sunset Giants.** Exceptionally free flowering and lacks the usual Marigold odor. Mixed colors. Pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

**Aldouble Orange.** Double flowers of a bright orange shade. Pkt. 15c.; large pkt. 50c.

**Aldouble Lemon.** Fine clear yellow, alldouble flowers. Pkt. 15c.; large pkt. 50c.

**Giant Golden Emblem.** Very large lemon-gold flowers 4 to 5 inches in diameter. Pkt. 15c.; large pkt. 50c.

**Golden Eagle.** Carnation-flowered; golden yellow. Excellent for cutting. Pkt. 10c.; large pkt. 50c.

**Guinea Gold.** The flowers come 100 per cent double and semi-double. Clear orange, flushed gold. Pkt. 10c.; large pkt. 50c.

**Yellow Supreme.** Broad, loose, frilled petals, similar to Guinea Gold, of a rich creamy lemon-yellow color. 2 ft. See color plate, page 8. Pkt. 15c.; large pkt. 50c.

**Large African, Mixed.** Tall; double. Pkt. 10c.; large pkt. 40c.; oz. \$1.75.

**Marigolds with Odorless Foliage:**  
**Burpee Gold Improved**  
**Crown of Gold**  
**Yellow Supreme**

## Dwarf African

**Aurora.** *New.* New gaillardia-flowered type of deep golden yellow color. Early blooming, 12 to 14 inches tall. Fine for borders and bedding. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25.

**Dwarf Gigantea, Pot O'Gold.** Well-branched, dwarf, compact. Flowers are a bright deep golden orange, measuring 4 to 4½ inches across. 12 in. Pkt. 25c.; large pkt. 50c.

**Little Giants, Mixed.** The plants are compact and covered with blossoms. Pkt. 15c.; large pkt. 60c.; ¼oz. \$1.00.

## Double Dwarf French

**Miniature New Spry Hybrids.** New and unusual combinations of yellow, mahogany, scarlet, and orange are to be found in this strain. Pkt. 25c.; large pkt. 50c.

**Butterball.** *Bronze Medal, All-America Selections.* Most attractive, very compact, scabious-flowered, canary-yellow. Grows 6 to 10 inches tall, uniform; very early flowering. Pkt. 25c.; large pkt. 50c.

**Golden Bedder.** *Bronze Medal, All-America Selections.* Bright golden orange. One of the earliest of all Marigolds. Pkt. 25c.; large pkt. 50c.

**Melody.** *Bronze Medal, All-America Selections.* The flowers are fully double, brilliant orange in color. A very early and free bloomer. Pkt. 25c.; large pkt. 50c.

**Sunkist.** Very dwarf and compact, with solid deep golden orange, anemone-type flowers. Free flowering. Pkt. 15c.; large pkt. 50c.; ¼oz. \$1.50.

**Scarlet Glow.** *Honorable Mention, All-America Selections.* A distinct bronzy red color. Compact, bushy growth of about 1 foot; flowers are 1¾ to 2 inches across. See color plate, page 8. Pkt. 25c.; large pkt. 50c.

**Spry.** *Silver Medal, All-America Selections.* Extra-dwarf Marigold; about 9 inches tall, with very light orange crested center and maroon outer petals. See color plate, page 8. Pkt. 25c.; large pkt. 50c.

**Harmony Hybrids.** Flowers are of medium size and the color-range includes innumerable combinations of the popular Harmony Marigold. 12 to 14 in. Pkt. 15c.; large pkt. 40c.

**Harmony.** Very double flowers of deep orange with maroon collar. Free flowering. Fine for borders. Pkt. 15c.; large pkt. 40c.; ¼oz. 60c.

**Royal Scot.** Rich mahogany and gold, in uniform stripes. Pkt. 25c.; large pkt. 40c.; ¼oz. 75c.

**Golden Ball.** Very compact. Flowers large, golden yellow. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Yellow Pygmy.** Light lemon-yellow. Free flowering. 8 in. Pkt. 15c.; large pkt. 40c.; oz. \$2.00.

**Dwarf Double French, Mixed.** 1 ft. Pkt. 10c.; large pkt. 40c.; oz. \$1.75.

## Single Dwarf French

**Sunny.** Cheerful, single, bright yellow flowers, about 2 inches across, with attractive wavy edges. Plants are well rounded, 15 inches tall, 16 inches across, and when covered with blooms are sure to win admiration. Pkt. 25c.; large pkt. 50c.

**Red Head.** The plants grow very vigorously, forming a compact row 15 inches high and 20 inches across. The single flowers grow 2 inches across, open a rich mahogany color. See color plate, page 8. Pkt. 25c.; large pkt. 50c.; ¼oz. \$1.00.

**Naughty Marietta.** *Honorable Mention; All-America Selections.* A lovely, single French Marigold 2 to 2½ inches in diameter. In full bloom the dwarf plants, 12 inches tall and 16 inches across, are completely covered with bright golden yellow flowers attractively marked with mahogany at the base of the petals. Pkt. 25c.; large pkt. 50c.; ¼oz. \$1.00.

**Flash.** *Bronze Medal, All-America Selections.* The large single flowers are a brilliant tangerine and marigold-brown. As the flowers age they turn to golden orange. Pkt. 25c.; large pkt. 50c.; ¼oz. \$1.00.

**Legion of Honor (Little Brownie).** Single golden yellow, velvety flowers with a large spot of crimson. Early flowering. 9 in. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Signata pumila (Tagetes).** Golden yellow. Excellent for edging. 10 in. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

## Single Tall French

**Australian Giant or Tree.** Very late flowering, with masses of brownish yellow flowers. Excellent for cutting. 5 ft. Pkt. 15c.; large pkt. 40c.

## Collarette

**Crown of Gold.** Orange flowers, having crested centers, with broad guard petals. Odorless foliage. Pkt. 15c.; large pkt. 40c.; ¼oz. 75c.

## Lieb's Winter-Flowering

A fine forcing variety. Color mahogany-brown, golden yellow crested center. Pkt. 25c.; large pkt. 60c.

## MATTHIOLA

Annual.

18 in.

**Bicornis.** Evening-Scented Stock. Desirable on account of its fragrance during the evening. Lilac blooms. Pkt. 10c.; large pkt. 25c.; oz. 75c.

WHY NOT GROW  
*Your Own*  
**PERENNIALS**  
*from Seed?*



**POPPY, Orientale**

The ever-popular Oriental Poppy makes a wonderful splash of color in the perennial garden. The huge, deep scarlet flowers have a papery texture and very fragile appearance. **Pkt. 10c.; large pkt. 40c.**



**DELPHINIUM, Pacific Hybrids**

This splendid strain is, without doubt, the finest in existence. The spikes are strong and closely set, and the flowers are as large as a silver dollar. It is practically immune to mildew and is proving a very good variety for cut-flower purposes. Choice Mixed. **Pkt. 50c.; large pkt. \$1.50.**



**PYRETHRUM hybridum**

Undoubtedly one of the best hardy perennials, both for garden work and cut-flower purposes. A row of twenty-five plants will prove very useful. Single Mixed. **Pkt. 10c.; large pkt. 75c.**

**GEUM, Mrs. Bradshaw**

A beautiful hardy perennial bearing large, showy, double flowers all through the summer. Fine for cutting. Brilliant scarlet. **Pkt. 15c.; large pkt. 60c.**



**AQUILEGIA**

**Mrs. Scott Elliott's Select Strain**

**Choice Mixed.** Flowers in a wide and most attractive range of pastel and brighter colors. All beautifully long spurred. Fine for cutting as well as garden use. **Pkt. 25c.; large pkt. 75c.**

← **SCABIOSA caucasica, Giant Hybrids Mixed.**

**Isaac House Strain.** Large flowers and longer stems. Colors range from light lavender to dark blue. Excellent for cutting. **Pkt. 25c.; large pkt. 75c.**

**COLLECTION E**

6 pkts., 1 each of these six fine Perennials

**\$1.10** Post-paid



## MYOSOTIS • Forget-me-not

- Perennials.* 6 to 12 in.  
**Alpestris, Victoria.** Bright blue; dwarf. Pkt. 10c.; large pkt. 60c.  
**Bluebird.** Extra early flowering; bright blue. Pkt. 10c.; large pkt. 60c.  
**Michell's Winter-Flowering.** The finest variety for forcing. Long stems. Large, deep blue flowers. Pkt. 15c.; large pkt. 75c.  
**Palustris semperflorens.** Everblooming; blue. Pkt. 10c.; large pkt. 60c.  
**Choice Mixed.** Pkt. 10c.; large pkt. 40c.

## MICHELL'S GIANT NASTURTIUMS

*Annuals.*

### Dwarf or Bedding • Tom Thumb

Of dwarf, compact growth, excellent for borders or for bedding, forming plants about 1 foot high by 1 foot across.

### New Dwarf Double

- Dwarf Double Art Shades.** Brilliant mixture. Plants are of dwarf, compact habit, with the flowers well above the foliage. Excellent for borders. Pkt. 15c.; oz. 60c.  
**Scarlet Globe.** Perfect, compact plants of globe-shaped growth about 1 foot tall. Giant double and semi-double, sweet-scented, fiery scarlet blooms in great profusion. Pkt. 10c.; oz. 50c.  
**Golden Globe.** *All-America Winner.* Identical in color with the popular Golden Gleam, but of dwarf, compact growth.  Free flowering. Very double and sweet-scented. Pkt. 10c.; oz. 50c.  
**Gem Mixture.** Free-flowering, semi-double, sweet-scented flowers in an excellent color-range, and containing both light- and dark-flowering plants. Pkt. 10c.; oz. 50c.; ¼lb. \$1.75.  
**Michell's Giant-flowering Dwarf, Mixed.** This is one of the finest mixtures, composed of the largest and best named varieties and is unsurpassed for brilliancy of color. Pkt. 10c.; oz. 25c.; ¼lb. 90c.; lb. \$3.00.

### Double Nasturtiums

#### Semi-Trailing Habit.

The plant forms a vigorous bush which throws out short runners averaging 18 inches.

- Golden Gleam.** (Bodger.) Large, golden yellow, semi-double, sweet-scented flowers.  
**Scarlet Gleam.** (Bodger.) The flowers are fiery orange-scarlet, 3 inches across, and uniformly double, with lush green foliage.  
**Gleam Hybrids.** (Bodger.) Gorgeously colored, large, well-formed flowers of dazzling beauty. A very brilliant mixture.  
Any of above, pkt. 10c.; oz. 50c.; ¼lb. \$1.75

### Tall or Climbing Nasturtiums

#### Michell's Giant-Flowering, Mixed Tall.

This mixture cannot be excelled for large size and beautiful colors of the flowers. Composed of the largest and finest varieties. Pkt. 10c.; oz. 25c.; ¼lb. 90c.; lb. \$3.00.

## MATRICARIA • Feverfew

- Annuals.* 18 in.  
**Ball Strain.** A fine pure white, full double, with long stems. Fine for outdoors. Pkt. 15c.; large pkt. 50c.  
**Double White.** For bedding or pot culture. White flowers. Pkt. 10c.; large pkt. 40c.; oz. \$2.00.  
*Perennial.* 12 in.  
**Golden Ball.** Bright yellow flowers. Pkt. 10c.; large pkt. 60c.

## MIGNONETTE

- Annuals.* 18 in.  
No garden is complete without this fragrant flower.  
**Machet.** Large, sweet-scented flowers. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.  
**New York Market.** A selected strain. Pkt. 15c.; large pkt. 75c.  
**Sweet-scented.** The popular garden sort. Pkt. 10c.; oz. 30c.

## NEMESIA

- Hardy Annuals.* 8 to 12 in.  
**Strumosa Suttoni.** Large flowers varying in color from creamy white to deep orange and carmine. Pkt. 15c.; large pkt. 60c.  
**Blue Gem.** Flowers bright blue. Growth compact. Very good in the rock garden. Plants make a sheet of color when in bloom. Pkt. 15c.; large pkt. 75c.

## NICOTIANA • Flowering Tobacco

- Annuals.* 1½ to 3 ft.  
**Miniature White** (*N. suaveolens*). A dwarf type with miniature white, very fragrant flowers. Pkt. 15c.; large pkt. 75c.  
**Affinis.** Fragrant, tubular, pure white flowers. Pkt. 10c.; large pkt. 25c.  
**Affinis Hybrids, Mixed.** Large, sweet-scented flowers in a variety of colors. Pkt. 10c.; large pkt. 25c.  
**Crimson Bedder.** Rich deep crimson. Dwarf. Pkt. 15c.; large pkt. 40c.

# MICHELL'S PANSIES

### Giant-flowering Mixtures

- Pay Dirt Jumbo.** *New.* Largest golden yellow ever produced. Blooms have dark rays or tiny dark faces. Fine dwarf habit and resistant to heat. Pkt. 50c.; large pkt. \$1.25.  
**Steele's Jumbo Mixture.** Grown from originator's stock. Extra large, long-stemmed flowers, very early, in a choice mixture of colors. Pkt. 25c.; large pkt. \$1.00; ½oz. \$3.00.  
**America.** Very select dwarf strain; free flowering. Comes in fine mixture of popular shades. American-grown seed. Pkt. 25c.; large pkt. 85c.; ¼oz. \$3.50.  
**Maple-Leaf Giants.** This new variety has giant flowers measuring 4 to 6 inches across, perfectly round, and in a great variety of colors. Pkt. 25c.; large pkt. 85c.; ¼oz. \$3.50.  
**Michell's New Swiss Giants.** A new strain with enormous flowers and containing many unusual colors, such as salmon, pink, red, blue, yellow, etc. Pkt. 50c.; large pkt. \$1.25; ¼oz. \$4.00.

### New Giant Pansy, MICHELL'S SPRINGTIME

Blooms measure 3½ to 4 inches across. Plants are of dwarf habit and commence to bloom very early in the spring. The mixture contains all the bright shades. Pkt. 25c.; large pkt. \$1.00; ½oz. \$2.00.

### Engelmann's Special Mixture

Flowers 3 to 4 inches across, on long, heavy stems and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades. Pkt. 50c.; large pkt. \$1.00; ½oz. \$2.50.

## NIEREMBERGIA

*Treat as Biennials.*

Sown outdoors in May, beautiful flowers are produced in the fall; sown in frames during July and August, and transplanted later, they give us the main crop of flowers the following spring.

- Annuals.* 4 to 6 in.  
**Purple Robe.** *Bronze Medal, All-America Selections.* Deep violet-blue that does not fade. Neat, compact habit. Pkt. 25c.; large pkt. 75c.

★**Hippomanica.** Dwarf Cup Flower. Small, cuplike flowers of a lovely lavender-blue shade, with a touch of yellow in the center. Plants 8 to 10-inch spread, and commence to flower in 15 weeks. Pkt. 25c.; large pkt. 75c.

## NEMOPHILA

- Annual.* 8 in.  
**Insignis, Blue.** Pretty light blue flowers with white centers; cup shaped. Fine lacy foliage. A quick grower and early bloomer. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

## OXYPETALUM

- Annual.* 15 in.  
**Coeruleum.** Argentine or Southern Star. The blossoms are inch-wide stars facing upward. The color is a most unusual blue of silver-blue pastel quality. Blooms continuously. Pkt. 25c.; large pkt. 75c.

### Swiss Giant Pansies

- Alpenglow.** Cardinal-red shades with dark blotches.  
**Berna.** Very rich, velvety purple-violet, of extra quality.  
**Coronation Gold.** Round canary-yellow flowers as much as 3 inches across, with slightly ruffled edges and lower petals flushed golden orange.  
**Lake of Thun.** A distinct marine-blue variety, with deep blue blotches.  
**Luna.** Soft sulphur-yellow with frilled edges.  
**Pure White.** The best giant pure white.  
**Rheingold.** Deep golden yellow, with black blotches on the three lower petals.

Any of the preceding Swiss Giant Pansies, pkt. 25c.; large pkt. \$1.00

**Improved Swiss Giants.** Flowers large, with overlapping petals in many brilliant colors and shades. Excellent for greenhouse culture. Pkt. 25c.; large pkt. 85c.; ½oz. \$1.75.

**Dwarf, Swiss Choice Mixed.** For those who desire a dwarfier and more compact type than the original, we highly recommend this new strain. Very free flowering and in a great variety of colors. Pkt. 25c.; large pkt. 75c.; ¼oz. \$3.00.

**Trimardeau, Choice Mixed.** Free-flowering, medium size flowers. Excellent for bedding. Pkt. 15c.; large pkt. 75c.; ¼oz. \$2.00.

# MICHELL'S PETUNIAS



Petunia, English Violet

## Single Large-Flowering

**Fire Chief.** *All-America Gold Medal Winner* (Bodger.) Fire Chief is in the Hybrid nana compacta class, a dwarf, compact-growing, bedding Petunia. Height is about 12 to 15 inches. Color is a bright scarlet-red, a color lacking in this class until now. Fire Chief blooms early and continuously until frost, producing a wealth of bloom all summer. (Originator's description.) See inside front cover for color plate. Pkt. 25c.; large pkt. 75c.; 1/2 oz. \$1.75.

**Flaming Velvet.** Rich, brilliant, velvety blood-red, medium-sized flowers. See color plate, page 17. Pkt. 25c.; large pkt. 75c.

**General Dodds.** A fine bedding variety. Rich velvety blood-red blooms. Pkt. 10c.; large pkt. 75c.

**Howard's Star, Improved.** Produces a profusion of crimson-maroon flowers, with a distinct five-pointed white star. Pkt. 15c.; large pkt. 75c.

**Improved Admiral.** Flowers are a rich violet-blue, slightly waved. The plants are compact and upright in habit. Pkt. 35c.; large pkt. \$1.00.

**Michell's Gay Lady.** The plants are very compact and erect, growing 8 to 10 inches tall. Flowers are medium sized, well fringed and ruffled, borne in great profusion. The color-range is a combination of pink and white to red and white. Pkt. 35c.; large pkt. \$1.00; extra large pkt. \$1.75.

**Michell's Rosalind.** The flowers of this new strain are very large and ruffled, in a brilliant rose shade. Plants are of compact habit, and very free flowering. Pkt. 25c.; large pkt. \$1.00.

**New Dazzler.** The brightest and most colorful single Petunia yet introduced. The large flowers are brilliant shades of orange and rosy scarlet, plain and semi-ruffled, gold-and-white-throated. Fine for bedding or window-boxes. Pkt. 35c.; large pkt. \$1.00.

**New Victory.** Extra-dwarf, super-giant single Petunia. Huge, deep-throated, fluted flowers, averaging up to 7 inches across. The plant habit is very dwarf, compact, bushy and free flowering. Color-range of excellent light and dark shades. Pkt. 35c.; large pkt. \$1.00.

**Salmon Supreme.** A distinct color in bedding Petunias. Clear salmon-pink flowers that make an attractive display. Pkt. 25c.; large pkt. 75c.

**Topaz Rose.** The color of this Petunia is a fiery, velvety rose, slightly suffused with gold. See color plate, page 17. Pkt. 25c.; large pkt. 60c.

## New Ruffled Petunia, Garden Giants Giants of California Type

The plants uniformly develop into well-rounded mounds 12 to 15 inches high, and all season are thickly covered with large ruffled flowers in a wide variety of color combinations, basically with red and white blotching. Pkt. 25c.; large pkt. 85c.

## Single-Flowered Grandiflora

**Silver Medal.** *All-America Silver Medal Winner.* Flowers 3 inches across are borne in great profusion from early summer until frost. When first open they are lustrous salmon-cerise with orange-undertone, gradually changing to rich salmon. Seed is available in originator's pkts. only (100 seeds) 50c.

## Dwarf Single Small-Flowered Standard Sorts (1 ft.)

**Bluebird.** An excellent bedding variety. Medium-sized flowers of a deep blue color. Pkt. 15c.; large pkt. 50c.

**Celestial Rose.** Compact; deep rose. Excellent for bedding. Pkt. 15c.; large pkt. 50c.

**Silver Blue (Heavenly Blue).** Makes a fine bedding variety combined with Rosy Morn. Pkt. 15c.; large pkt. 50c.; 1/4 oz. \$2.25.

**King Henry.** Free flowering; dwarf, compact habit. Blood-red color. Pkt. 25c.; large pkt. \$1.00.

**Martha Washington.** A ruffled or frilled, dwarf, compact type, about 9 inches high. Blush-pink, center veined wine-red. Pkt. 25c.; large pkt. 75c.

**Periwinkle Blue.** A delightful shade of pastel blue. Resembles very much the perennial Vinca. Pkt. 15c.; large pkt. 50c.

**Rosy Morn.** Dwarf, bushy plants, bearing in great profusion brilliant rose-colored flowers with white throats. Pkt. 10c.; large pkt. 50c.; 1/4 oz. \$1.25.

**Rose of Heaven.** Rich, brilliant rose color. Pkt. 10c.; large pkt. 60c.; 1/4 oz. \$1.50.

**Snowball.** A fine, compact sort, producing a profusion of satiny white flowers. Pkt. 10c.; large pkt. 75c.

**Twinkles.** Brilliant rose, starred white. Fine bedding sort. Pkt. 25c.; large pkt. 75c.

**Violacea.** Plants of erect, dwarf type. Beautiful deep violet flowers. Pkt. 15c.; large pkt. 60c.

**Choice Mixed.** Pkt. 10c.; large pkt. 40c.; 1/4 oz. \$1.25; oz. \$3.50.

**Dwarf Single Mixed.** A dwarf-flowering type with medium-size flowers produced in profusion. Excellent for bedding and borders. Choice mixed colors. Pkt. 25c.; large pkt. 75c.; 1/4 oz. \$1.50.

## Dwarf Single Large-Flowering

The following three new varieties are large-flowered, plain-edged dwarf types. Compact in habit, free flowering; excellent subjects for pots or bedding.

**Rose Queen.** Brilliant rose-pink. See color plate, page 17. Pkt. 25c.; large pkt. 75c.

**Ruby Queen.** Clear ruby-red. See color plate, page 17. Pkt. 25c.; large pkt. 75c.

**Violet Queen.** A true bright violet color which will not fade. Pkt. 25c.; large pkt. 75c.

## Single Large-Flowered Plain-Edged

**Dwarf Elk's Pride.** A really dwarf type of this popular Petunia in which the straggly habit is entirely lacking. The color is the well-known royal purple. Pkt. 25c.; large pkt. 85c.

**Purple Prince.** Large, fine, velvety purple flowers. Pkt. 25c.; large pkt. \$1.00.

**Snowstorm.** A fine large-flowering, plain-edged, pure white variety. Very free flowering. Good as a pot-plant and for bedding. Pkt. 25c.; large pkt. 85c.

## Dwarf Single Small-Flowered Sorts New Varieties (1 ft.)

**Bright Eyes.** *Bronze Medal, All-America Selections.* Plants grow 7 to 9 inches tall and are completely covered with soft light rose-pink flowers, with pronounced white throat. Pkt. 25c.; large pkt. 75c.

**Cheerful.** *Bronze Medal, All-America Selections.* Flowers are clear salmon-pink, 2 3/4 inches and more across. Pkt. 25c.; large pkt. \$1.00.

**Cream Star.** *Silver Medal, All-America Selections.* Moundlike plants 8 to 10 inches tall. Each dainty white flower is marked with a cream-colored star. Pkt. 25c.; large pkt. 75c.

**English Violet.** *Honorable Mention, All-America Selections.* Almost the same beautiful color as English violets. The plants grow normally 15 inches high, quite compact. See color page, page 17. Pkt. 25c.; large pkt. 75c.

**Glow, Nana Compacta.** *Silver Medal, All-America Selections.* Medium-sized, single flowers of a very intense glowing carmine-rose, measuring 2 1/2 inches across. Pkt. 25c.; large pkt. 75c.

**Igloo.** *Bronze Medal, All-America Selections.* Pure white flowers of medium size with a slight yellow throat. The plants are uniformly compact throughout the season, and continue to flower until frost. When in bloom they are a perfect mound of white, 8 to 10 inches in height. See color plate, page 17. Pkt. 25c.; large pkt. 75c.

**Velvet Ball (Dwarf Flaming Velvet).** *All-America Winner.* The plants reach a height of about 8 inches and the blooms are comparatively large, being about 2 1/2 inches in diameter, well shaped, deep velvety blood-red. Pkt. 25c.; large pkt. \$1.00.

## Large Single Fringed


**Michell's Super Fluffy Ruffles.** Beautifully ruffled and fringed flowers that at first glance appear fully double. The color is a lovely blending of rose and salmon shades. Pkt. 25c.; large pkt. 85c.

**Michell's Giant Fringed, Mixed.** Flowers large, beautifully fringed and ruffled. Pkt. 25c.; large pkt. 85c.

**Theodosia, Michell's Improved Strain.** Large, brilliant rose-pink, with full open throat. Pkt. 25c.; large pkt. 85c.

## Single Ruffled Giants with Veined Throats

**California Giants, Dwarf Ramona Strain.** An excellent new dwarf strain of California Giants. Very compact. Fine for pots. Pkt. 25c.; large pkt. 85c.

**Glamour, Giants of California.**  *Honorable Mention, All-America Selections.* A luscious shade of salmon-rose in the Giant Ruffled Petunia type, faintly veined brown in the creamy open shallow throat. Pkt. 25c.; large pkt. 85c.

**California Giants.** One of the largest-flowered varieties. Bright desirable colors. Robust plants. Pkt. 25c.; large pkt. \$1.00.

## Balcony Petunias

A fine, large-flowering, free-blooming type suitable for vases, window- or porch-boxes; also valuable for bedding.

**Royal Rose.** *New.* Huge flowers of true rose shade. Free flowering and uniform growth. Pkt. 25c.; large pkt. 75c.

**Blue.** Rich indigo-blue.

**Cornflower Blue.** Bright blue.

**Crimson.** Rich velvety crimson.


**Rose.** Rose-pink.

**White.** Pure white.

**Mixed Colors.**

Any of above, pkt. 15c.; large pkt. 60c.

## Double Petunias

**Alldouble America.**  *Silver Medal, All-America Selections.* This alldouble Petunia produces rose-pink flowers of medium size, 2 inches or more across. Plants are *Hybrida nana* compacta, 1 foot in height and 18 inches in width, making them ideal for beds, borders, edgings, or pot-plants. Very early flowering. Pkt. 50c.; large pkt. \$2.00.

**Double Fringed, Mixed.** Flowers of large size, beautifully fringed and embracing a splendid variety of colors. Pkt. 50c.; 500 seeds, \$1.25.

**Choice Double, Mixed.** A good mixture. Pkt. 25c.

## How to Sow Double Petunia Seed

The seed of Double Petunias is very fine and should be sown inside in flats or pots, using a mixture of finely sifted soil, with the addition of some sand. Thoroughly water the soil and then lightly scatter the seed on the surface. Do not cover the seed with soil. The receptacle should be covered with a sheet of newspaper and a pane of glass, and kept in a warm location until the seedlings start to grow. It is important not to discard the small seedlings, as these usually produce the best double flowers.

## PINKS

See Carnation, page 12, and Dianthus, page 15.


## PHLOX DRUMMONDI


*Hardy Annuals.*

6 to 12 in.

**Michell's Dwarf Beauty Mixed.** This fine strain of large-flowering dwarf Phlox is especially recommended for pot-culture. The individual florets are large. This strain comes in a very fine mixture, including shades of light and dark blue. Very free blooming. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.75.


**Gigantea, Michell's New Buff Queen.** A new shade in this popular Phlox. The color is a soft chamois or buff, with a distinct eye. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.25.

**Gigantea, Red Glory.**  *Honorable Mention, All-America Selections.* Brilliant red with a contrasting white eye which seems to intensify the red. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.25.

**Gigantea, Rosy Morn.**  *Bronze Medal, All-America Selections.* Flowers are a combination of rose-pink with a white eye, larger than a half dollar. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.25.


## Phlox, Salmon Glory

*All-America Winner*

 The individual flowers are gigantic for Phlox, measuring from 1 to 1½ inches in diameter, of pure salmon-pink color with a distinct creamy white throat. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.25.

## Gigantea Art Shades, Mixed

*All-America Winner*

 A strain with flowers 1¼ to 1½ inches in diameter. In many pleasing art shades. 9 in. Choice mixture only. Pkt. 15c.; large pkt. 50c.; ¼oz. \$1.25.

## Grandiflora Tall Varieties

**Choicest Mixed.** Pkt. 10c.; large pkt. 50c.; ¼oz. \$1.10; oz. \$3.25.

**Cuspidata, Mixed (Star of Quedlinburg).** Extra fine star-flowered mixture. Pkt. 10c.; large pkt. 50c.; ¼oz. \$1.00.

## Dwarf or Compact Varieties

**Choice Mixture.** Large flowered. Pkt. 10c.; large pkt. 60c.; ¼oz. \$1.25.

**Cecily.** Extra dwarf, large-flowered, choice mixed. Pkt. 10c.; large pkt. 60c.; ¼oz. \$1.25.

*Perennial.*

**Beltsville Beauty.** This was developed by Dr. Sam Emsweller of U. S. D. A., Beltsville, Md. Beltsville Beauty is a broad mixture of colors. Besides the usual mauve, the mixture contains lavender, carmine, crimson, salmon pink, pink with dark eye (similar to Painted Lady), pink, white with dark eye, and a sizable proportion of pure paper-white. To insure good germination, seed should be frozen before planting. Pkt. 25c.; large pkt. \$1.00.

**Decussata, Mixed.** Tall-growing, perfectly hardy plants, with immense trusses of large flowers in all bright colors. Pkt. 10c.; large pkt. 75c.; ¼oz. \$1.25.

## PHYSALIS • Chinese Lantern Plant

*Perennial.* 2½ ft.

**Francheti.** Orange-scarlet fruits. Pkt. 10c.; large pkt. 40c.

## POLYANTHUS

*Primula polyantha*

*Perennials.*

4 in.

**English Mixed.** Single flowers.  
**Primula Veris, Mixed.** Cowslip.

Either of above, pkt. 10c.; large pkt. 75c.

## MICHELL'S POPPIES

*Annuals*

2 to 2½ ft.

**Normandy Red.** *New.* Large single flowers of a brilliant orange-scarlet. Splendid for beds or borders. Pkt. 25c.; large pkt. 40c.

**Michell's Shirley, Mixed.** This lovely race of Poppies varies in color from pure white and delicate pink to rosy carmine and deep crimson. Pkt. 10c.; large pkt. 25c.; oz. 75c.

## Flanders


This is the well-known Poppy of Flanders Fields so often mentioned in songs and stories of the Great War. Medium-sized, scarlet flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Improved Shirley, May Queen, Mixed.** A reselected strain. Large, double flowers. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

## Iceland Poppies • Papaver nudicaule Perennials.

**KelmScott.** The flowers are larger than we have ever seen on any variety of Iceland Poppy, measuring as much as 3 inches across. The color-range is from deep scarlet through delicate pinks and buffs to pure white. Pkt. 25c.; large pkt. \$1.00.

**Gartford Giant Art Shades.** Large flowers carried on exceedingly heavy stems up to 30 inches in length. The color-range includes pastel shades of apricot, cream, gold, white, and various shades of rose. Pkt. 25c.; large pkt. 75c.

**Yellow Wonder.** *All-America Winner.*  Buttercup-yellow flowers, with a lighter center, are 4 to 6 inches across, and the stems are often more than 2 feet long. Fine for cutting. Pkt. 25c.; large pkt. 60c.

**Single, Mixed.** Colors range from white and yellow to deep orange-scarlet. Pkt. 10c.; large pkt. 40c.; ¼oz. 75c.

**Sunbeam.** Fine new shades in mixture. Pkt. 15c.; large pkt. 40c.

## Oriental Poppies

*Perennials.*

2 to 3 ft.

These are always popular. The seeds should be sown in early spring in the open ground.

**Orientele.** Extra-large, deep scarlet flowers. See color plate, page 20. Pkt. 10c.; large pkt. 40c.; ¼oz. 75c.

**Orientele, Mrs. Perry.** Rich salmon-pink. Pkt. 10c.; large pkt. 75c.

**Orientele, Royal Scarlet.** Brilliant scarlet. Pkt. 25c.; large pkt. 75c.

**Orientele Hybrids, Mixed.** Large flowers. Pkt. 10c.; large pkt. 50c.; ¼oz. 85c.

## PYRETHRUM HYBRIDUM

*Perennials.*

30 in.

Undoubtedly one of the best hardy perennials, both for garden work and for cut-flower purposes. A row of twenty-five plants will prove very useful.

**Atrosanguineum.** Single; dark red shades. Pkt. 10c.; large pkt. 75c.

**Roseum.** Single; pink shades. Pkt. 10c.; large pkt. 75c.

**Hybridum, Single Mixed.** See color plate, page 20. Pkt. 10c.; large pkt. 75c.

**Hybridum, Double Mixed.** Pkt. 25c.; large pkt. 75c.

**Robinson's Giant-flowered Mixed.** Pkt. 25c.; large pkt. 75c.

## Foliage Variety for Bedding

Used for edging of ornamental beds. Leaves finely cut.

**Aureum (Golden Feather).** Bright golden yellow foliage. 1 ft. Pkt. 10c.; large pkt. 40c.; oz. \$2.00.

## PORTULACA • Sun-Plant

Hardy Annuals. 6 in.

Brilliant flowers of easy culture. Excellent for massing in beds, edging, or rock-work, thriving best in a light, sandy soil and a sunny situation.

### Double-Flowering

A select strain that will produce from 60 to 80 per cent double flowers.

**Mixed.** Pkt. 10c.; large pkt. 50c.;  $\frac{1}{4}$  oz. \$1.50; oz. \$5.00.

### Single-Flowering

**Single Jewel.** Flowers four times as large as the regular single sorts and of very unusual beauty. Color a brilliant deep rose-crimson. Pkt. 25c.; large pkt. 75c.;  $\frac{1}{4}$  oz. \$2.00.

**Choice Single Mixed.** Pkt. 10c.; large pkt. 40c.;  $\frac{1}{4}$  oz. \$1.00; oz. \$3.50.

## MICHELL'S PRIMULAS

Greenhouse or House Plants. 9 to 12 in.

### Malacoides

**Dawkin's Carmine-Pink.** Large, rich glowing carmine-pink, quite distinct flowers on wiry stems of upright and graceful habit. Pkt. 25c.; large pkt. \$1.25.

**Lilac.** Improved Baby Primrose. Tall, graceful spikes of delicate lilac flowers. Pkt. 20c.; large pkt. \$1.25.

**Pink Beauty.** Large, deep rosy pink flowers. Pkt. 25c.; large pkt. \$1.25.

**Snow Queen.** Single; pure white. Pkt. 25c.; large pkt. \$1.25.

### Obconica Gigantea

**Wyaston Wonder.** The largest-flowered *Primula obconica*. Individual florets are huge and the color a bright crimson. Pkt. 50c.; large pkt. \$1.00.

**Monster, Mixed.** An extra-large strain of this *Primula*. Pkt. 40c.; large pkt. \$1.75.

### Obconica

**Mueller and Mohnstein Mixed.** Shades of pink and red. Pkt. 50c.; large pkt. \$1.75.

### Fringed Chinese Variety

**Mitchell's Prize Mixture.** This mixture contains only the best sorts. Pkt. 25c.; large pkt. \$1.75.

## SNAPDRAGON

See *Antirrhinum*, page 10.

## RUDBECKIA • Coneflower

Hardy Annual. 3 ft.

**Kelvedon Star.** A perfect, long-stemmed flower for cutting. Colors vary, but all have brown central discs, surrounded by a mahogany zone on petals of deep orange. Pkt. 15c.; large pkt. 50c.

**RED-HOT POKER.** See *Tritoma*, page 26.

**RESEDA.** See *Mignonette*, page 21.

## RICINUS COMMUNIS

Castor-Oil Bean

Annuals. 8 to 12 ft.

Large, rapid-growing, ornamental foliage plant. Produces a fine effect in center of beds or singly on lawns.

**Sanguineus.** Blood-red stalks and red fruit. 8 ft. Pkt. 10c.; oz. 50c.

**Zanzibarensis.** Enormous leaves, varying in color from light green to purplish red. 12 ft. Pkt. 10c.; oz. 50c.

**Mixed.** All sorts. Pkt. 10c.; oz. 50c.; lb. \$4.00.

## SCABIOSA • Mourning Bride

### Grandiflora Varieties

Hardy Annuals.  $1\frac{1}{2}$  to 4 ft.

Magnificent annuals of easy cultivation, blooming freely through the summer and autumn. Very effective for beds or borders and invaluable for cutting.

**Imperial Giants, Hybrids, New.** (Bodger.)

Extremely large flowers composed entirely of broad frilled petals, arranged in a perfect ball. Plants are tall, upright, and bear flowers on long wiry stems. Brilliant mixture. Pkt. 25c.; large pkt. 50c.;  $\frac{1}{4}$  oz. 75c.

**Peace.** The white flowers are fully double,  $1\frac{1}{2}$  inches across, on 2-ft. stems. Good for cutting and an excellent garden variety. Pkt. 25c.; large pkt. 50c.

**Imperial Giants, Blue Moon.** The color is a rich deep lavender-blue. Flowers are fully double, beehive-shaped. Pkt. 25c.; large pkt. 50c.

**Giant Salmon Beauty.** A pure salmon *Scabiosa*. The flowers are huge and the stems light and strong. Pkt. 25c.; large pkt. 40c.

**Orchid Shades.** All the colors and tones of the *Cattleya* orchid. Equally lovely under natural or artificial light. Pkt. 15c.; large pkt. 40c.

**Rosette.** Large-flowering type in a beautiful shade of deep rose heavily suffused with salmon. Pkt. 25c.; large pkt. 40c.

**Azure Fairy.** Clear lavender-blue.

**Blue Cockade.** New. Large, deep azure-blue flowers.

**Cherry-Red.**

**Giant Loveliness.** Flowers range through various tones of delicate salmon-rose.

**King of the Blacks.** Deep purple.

**Peach Blossom.** Peach-blossom-pink.


**Rose.** Soft rose color.

**Shasta.** Pure white; large, long stems.

**Finest Mixed.**

Each of above, pkt. 10c.; large pkt. 25c.; oz. \$1.10

**Giant-flowering Hybrids, Mixed.** All-

 *America Winner.* Giants bloom in an unusual number of rare colors. Pkt. 10c.; large pkt. 30c.; oz. \$1.40.

## PERENNIAL SCABIOSA

Perennials. 2 to  $2\frac{1}{2}$  ft.

Handsome border plants flowering the entire season. As the seed of perennial *Scabiosa* is of slow germination, we would suggest sowing in peat moss and sand, making sure to keep moist and shaded.

**Caucasica, Giant Hybrids, Mixed, Isaac House Strain.** Larger flowers and longer stems. Colors range from light lavender to dark blue. Excellent for cutting. See color plate, page 20. Pkt. 25c.; large pkt. 75c.

**Columbaria anthemifolia, Rose-Pink.** A low-growing variety, with flowers measuring 2 to  $2\frac{1}{2}$  inches across in a delightful shade of pink. Fine for cutting. Pkt. 25c.; large pkt. 60c.

**Columbaria anthemifolia, Lavender.** Pkt. 25c.; large pkt. 60c.

**Caucasica.** Soft blue. 3 ft. Pkt. 10c.; large pkt. 60c.

**Caucasica alba.** White. Pkt. 10c.; large pkt. 60c.

## SALPIGLOSSIS • Painted Tongue

Hardy Annuals. 18 in.

**Emperor, Mixed.** A type having only one main stem, and bearing on its summit a large number of beautiful flowers, each one richly veined with gold. Pkt. 10c.; large pkt. 30c.

**SENSITIVE PLANT** (*Mimosa pudica*). Flowers pinkish white. Pkt. 10c.; large pkt. 40c.

## SALVIA • Scarlet Sage

Annuals.  $1\frac{1}{2}$  to 3 ft.

The *Salvia* is among our most popular and useful bedding plants. There is nothing more effective in the midsummer or fall than these bright scarlet flowers.

**St. John's Fire.** Blooms very early, but remains in perfect condition until frost. Height 10 inches when in full bloom in August. Compact plants, upright growth, and very uniform habit. Pkt. 35c.; large pkt. \$1.25;  $\frac{1}{4}$  oz. \$2.00.

**America (Globe of Fire).** Dwarf, bushy, compact grower and very uniform in height and shape. Pkt. 25c.; large pkt. 85c.;  $\frac{1}{4}$  oz. \$2.50.

**Bonfire (Clara Bedman).** Compact, bushy plants, producing erect spikes of the most brilliant scarlet flowers. 2 ft. Pkt. 25c.; large pkt. 85c.;  $\frac{1}{4}$  oz. \$2.50.

**Splendens.** Tall-growing plants with bright scarlet flowers. 3 ft. Pkt. 10c.; large pkt. 60c.;  $\frac{1}{4}$  oz. \$1.75.

Perennials. 3 to 4 ft.

**Royal Blue Farinacea.** A new improved strain. Very uniform in growth, with deep blue flowers. Pkt. 25c.; large pkt. 75c.

**Blue Bedder.** A new variety of *Farinacea*. Very compact. Deep blue flowers borne very profusely from seed the first year. Pkt. 25c.; large pkt. 75c.

**Farinacea.** A perennial variety, but best treated as an annual. Color, light blue. 2 ft. Pkt. 10c.; large pkt. 75c.

## SCHIZANTHUS • Butterfly Flower

Hardy Annuals. 18 in.

Showy flowers of various colors, closely resembling some species of orchids.

**Canada Giants.** An extra select, large-flowered, compact greenhouse strain in splendid mixture. Pkt. 50c.; large pkt. \$1.25.

**Dwarf Large-flowering, Mixed.** A compact-growing variety and very free-flowering. Excellent for pots. Pkt. 25c.; large pkt. 75c.

**Garraway's Hybrids, Mixed.** Large flowers with markings on a white, buff, rose, blue, or purple ground. Pkt. 25c.; large pkt. 75c.

**Giant Pansy-flowered.** Large pansy-flowered blooms in a wide range of rich colors. Pkt. 25c.; large pkt. 75c.

**Wisetonensis.** Largely used as a pot-plant for the house. Flowers range from white with yellow center to pink with brown center. Pkt. 10c.; large pkt. 60c.

### Shamrock

**True Irish.** Pkt. 10c.; large pkt. 40c.; oz. \$1.75.

## SUNFLOWER • Helianthus

Annuals. 4 to 8 ft.

Well-known and popular plants, the small-flowering sorts being used for cutting and the tall varieties valuable for backgrounds.

### Small-flowered

**Stella.** Flowers single, golden yellow, with black centers. Invaluable for cutting. 4 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

### Large-flowered

**Double Globe** (*H. annuus globosus fistulosus*). Large double yellow flowers. 6 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Dwarf Double (Globe of Gold).** Yellow flowers. 3 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**New Red.** Extra-large flowers, some of which are rich chestnut-red, others tipped with yellow. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Russian Mammoth.** Immense, single yellow flowers on tall, heavy stalks. 6 ft. Pkt. 10c.; oz. 15c.

**SUN-PLANT.** See *Portulaca*, first column.



## SHASTA DAISY

Perennials. 2 to 2½ ft.

**Alaska.** Pure white, extra-large flowers. Excellent for cutting. Pkt. 10c.; large pkt. 40c.

**Double Giant White.** A double variety, excellent for cutting. Flowers are about 5 inches in diameter, on long, stiff stems, and have the appearance of a giant Aster. Pkt. 25c.; large pkt. 75c.

## STATICE • Sea Lavender

Excellent plants, for either the border or rockery, producing all summer panicles of small flowers, which can be dried and used for winter bouquets.

### Sinuata

Annuals. 2 ft.

**Blue Lavender Rosea superba**

**Kampf's Tall Improved.** Deepest blue. Early flowering.

**Pastel Shades Mixed.**  
**White Yellow**

**Mixed.** All colors.  
Any of above, pkt. 10c.; large pkt. 25c.; oz. 75c.

**Suworowi.** Russian or Rat-Tail Statice. Flowers bright rose color. Pkt. 10c.; large pkt. 25c.

Perennials. 2 to 2½ ft.

**Caspia.** Very vigorous, with 3-foot stems carrying innumerable lilac flowers. Pkt. 25c.; large pkt. 75c.

**Dumosa.** A variety growing 2½ feet high and producing dense clusters of very pretty silvery gray flowers. Pkt. 25c.; large pkt. 75c.

**Latifolia.** Large, deep blue flowers. Pkt. 10c.; large pkt. 60c.

## SWEET ROCKET Hesperis matronalis

Perennial. 3 ft.

**Mixed.** Pure white, fragrant flowers. Pkt. 10c.; large pkt. 30c.

# MICHELL'S "DISTINCTIVE" STOCKS

## Large-Flowered Dwarf Ten-Weeks

Leading variety for bedding out for summer blooming; also fine for pots. 1 ft.

**Blood-Red Mixed White**  
**Dark Blue Pink Yellow**  
**Light Blue**

Any of above, pkt. 10c.; large pkt. 40c.

## Early Giant Imperial Stocks Improved Bismarck

An excellent addition to the early forcing class. The plants are of tall, branching habit, 2 to 2½ feet high, and produce a very high percentage of double flowers on huge spikes. Individual florets measure 2 inches or more in diameter.

**Antique Copper.** Rich hellebore-red—a new and attractive shade.

**Apple Blossom.** Blush-pink.

**Buttercup.** A deeper shade than canary-yellow.

**Canary-Yellow (Golden Ball) Chamois.**

Ivory, tinted old-rose.

**Dark Blue.** A new shade.

**Elk's Pride.** New shade in this early group

—an intense royal purple.

**Fiery Blood-Red.** Extra fine.

**Golden Rose.**

**Lavender.**

**Lilac.**

**Mammoth Rose.** Exclusive Michell Introduction.

**Rose.** Deep rose-pink.

**Rose Charm.** Rich, deep rose.

**Roselight.** Bright rose.

**White.**

**Mixed Colors.**

Any of above, pkt. 25c.; large pkt. 50c.

## Michell's Early-Flowering "Nice"

An early-flowering strain of branching habit and a remarkably free bloomer. Large, double, fragrant flowers.

**Choice Mixed.** All colors. Pkt. 15c.; large pkt. 50c.

## Giants of California

Giants of California are very early flowering with a high percentage of mammoth double flowers, and having the branching habit of the Bismarck.

**Splendid Mixture.** Pkt. 25c.; large pkt. 50c.

## Giant Column Non-Branching Double Excelsior

This new type of Stocks produces one enormous spike 2 to 3 feet in height. Blooms about 10 days earlier than Bismarck.

**Ball Blue.** Dark lilac-blue.

**Ball Pink No. 11.** Rose-pink.

**Ball White.**

**Chamois-Rose.**

**Illusion.** Scarlet-red.

**Rose-Pink.**

**Silvery Lilac.**

**Yellow Wonder.** The color is a rich creamy yellow.

**Mixed Colors.**

Any of above, pkt. 25c.; large pkt. 85c.

## Virginian Stock • Malcomia

Annual.

**Mixed.** An easy-growing border annual with small lilac, red, or white flowers. Pkt. 10c.; large pkt. 25c.; oz. 85c.

## STRAWFLOWER (See Everlastings, page 15.)

# MICHELL'S SPENCER OR ORCHID SWEET PEAS

Sweet Peas are one of the daintiest of garden flowers. In captivating colors, these fine large-flowering varieties will appeal to all. One ounce required for 15-foot row

## Spring-Flowering or Hot-Weather Sweet Peas

### New Cuthbertson Strain

Now you can grow better Sweet Peas. More heat resistant! Huskier vine growth! Extra long stems! Sparkling colors! This new strain is excellent for outdoor planting. If seed is sown in March, the plants will remain in bloom during very hot weather, up until August. Strong, tall growth, very free flowering; excellent for cutting. These new Sweet Peas are a "must" for every garden.

**Billy.** Clear cerise or light carmine.

**Coline.** Vivid, intense scarlet.

**Danny.** Deep navy-blue.

**Evelyn.** Long stemmed; soft salmon-pink.

**Flora.** Pure rose-carmine.

**Frank G.** Fine soft rosy lavender.

**Helen.** Blush-pink on white ground.

**Janet.** Large frilled flowers of pure white are carried on long heavy stems. Black seeded.

**Jessie.** Soft lilac-mauve. Very rich coloring.

**Kenneth.** Rich deep crimson.

**Lois.** Pure rich rose-pink; huge flowers.

**Tommy.** A clear mid-blue; very beautiful.

**Choice Mixed.** A well-balanced mixture of the above colors.

Any of above, pkt. 25c.; ½oz. 60c.; oz. \$1.15

## Giant Summer-Flowering Spencers

### Blue and Purple

**Fortune.** Rich dark blue.

**Mrs. Tom Jones.** Bright delphinium-blue.

**Royal Purple.** Rich purple.

**Windsor Blue.** Finest mid-blue.

### Cream

**Cream Gigantic.** Largest cream; black-seeded.

### Deep Pink or Rose

**Cheerie-O.** A mammoth-flowering, deep begonia-rose.

**Maytime.** Rich golden cerise that will not burn in the sun.

**Pinkie.** Extraordinary large rose-pink.

### Lavender

**Gleneagles.** Large; lavender.

**King Lavender.** Fine, clear lavender.

### Light Pink

**Bonny Briar.** Sparkling rose-pink.

**Diana.** Rose on cream; immense.

### Orange and Salmon

**Debutante.** Salmon shaded coral.

**Peggy Ann.** A rare new shade of attractive salmon-pink.

**Golden Dragon.** A very large, duplex-flowered orange.

**Salmon Gigantic.** Giant salmon-pink.

### Scarlet

**Crimson King.** Giant; deep carmine.

**Huntsman.** Bright scarlet.

**Welcome.** Giant flower. Brilliant sun-proof scarlet.

### White

**Avalanche.** Glistening pure white.

**Gigantic.** Black-seeded white, extra-large wavy flowers.

**King White.** Gigantic pure white flowers. Any of the Spencer varieties, except where noted, pkt. 10c.; oz. 50c.; ¼lb. \$1.50; lb. \$4.00

## MICHELL'S GIANT SPENCER MIXTURE

Giant Waved Spencer varieties in proper proportions of bright colors and including a number of new hybrids of exquisite colors and shades. Pkt. 10c.; oz. 25c.; ¼lb. 80c.; lb. \$2.50.

**Michell's Early-Flowering Spencer, Mixed.** Pkt. 10c.; ½oz. 40c.; oz. 75c.

Be sure to try some of the New Hot-Weather Sweet Peas

These will be sure to please

## SOLANUM

*Greenhouse Plants.* 12 to 15 in.  
**Cleveland Cherry.** Ornamental pot-plants of dwarf, branching habit for winter decoration. Produces a great profusion of scarlet berries. Pkt. 10c.; large pkt. 75c.

## SWEET WILLIAM

### *Dianthus barbatus*

*Perennials.* 1½ ft.  
 One of the finest hardy perennial garden plants; of easy culture; thrives in any good garden soil. Forms fine clumps and produces excellent effects in beds and borders.

★**Dwarf or Alpine.** A fine strain of excellent dwarf type. The flower-heads are very large and the color-range a selection of many bright and dark shades. Pkt. 25c.; large pkt. 60c.

**Sutton's Giant White.** The finest large-flowering pure white Sweet William. Pkt. 25c.; large pkt. 60c.

**Auricula-flowered, Mixed.** A beautiful class of "eyed" single varieties. All colors. Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

**Holborn Glory.** Giant-flowered Auricula mixed. Pkt. 15c.; large pkt. 40c.

**Purple Beauty.** Bright deep purple. Pkt. 15c.; large pkt. 40c.

**Crimson.** Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

**Newport Pink.** Salmon-pink. Pkt. 10c.; large pkt. 60c.; ¼oz. \$1.00.

**Scarlet Beauty.** Deep scarlet. Pkt. 10c.; large pkt. 60c.; ¼oz. \$1.00.

**Velvety Maroon.** Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

**White.** Pkt. 10c.; large pkt. 40c.; oz. \$2.25.  
**Single, Mixed.** All colors. Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

**Double, Mixed.** Pkt. 10c.; large pkt. 40c.; ¼oz. \$1.25.

*Annual.*

**Single, Mixed.** Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

## TAGETES • Single Marigold

*Annual.* 6 to 8 in.  
**Signata pumila.** A dwarf, compact, bushy Marigold with golden yellow flowers and fern-like foliage. A fine bedding plant. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

## TAHOKA DAISY

*Annual.* 12 in.  
 The daisy-like flowers are lavender-blue and grow on good long stems, which make them splendid for cutting. Pkt. 25c.; large pkt. 75c.

## THALICTRUM

*Perennial.* 4 to 5 ft.  
 Finely cut ornamental foliage.  
**Dipterocarpum.** Flowers rosy purple, with yellow anthers. Pkt. 10c.; large pkt. 75c.

## THERMOPSIS

*Perennial.* 4 ft.  
**Caroliniana.** Yellow lupin-like flowers. Pkt. 10c.; large pkt. 60c.

## THUNBERGIA • Black-eyed Susan

*Annual.*  
**Mixed.** Rapid growing. Pretty vine for trellises, fences, also for window-boxes. Pkt. 10c.; large pkt. 40c.; oz. \$1.75.

## TORENIA

*Annual.* 12 in.  
**Fournieri grandiflora.** Flowers all summer. Fine for vases, hanging-baskets, borders, etc. Sky-blue with yellow centers. Pkt. 10c.; large pkt. 60c.

## TITHONIA

*Annual.* 6 ft.

**Torch.** All-America Silver Medal Winner for 1951. Torch is good. And Torch is easy. Heat? Thrives on it. Pests or diseases? None whatsoever. Anybody who can grow zinnias can have loads of brilliant orange-scarlet, 4-inch cut-flowers like single dahlias by midsummer, on a compact plant growing only 4 to 4½ feet high. Early enough for the North, dwarf enough for the South. Torch will get nation-wide publicity in 1951. Be sure you have it. See inside front cover for color plate. Pkt. 35c.; large pkt. 75c.; ½oz. \$1.75.

**Speciosa.** Mexican Sunflower. Flowers large, orange-scarlet, reminding one of a single zinnia. An excellent cut-flower. This variety is late flowering and must be started early. Pkt. 10c.; large pkt. 40c.

## TRITOMA (Kniphofia)

### Red-Hot Poker

*Perennial.* 2 ft.

**Hybrida, Mixed.** Free flowering, with large spikes of flowers. Pkt. 10c.; large pkt. 60c.

## ★Viola • Scotch Bedding Pansies

**Mixed.** Produces larger flowers than *V. cornuta*. Pkt. 25c.; large pkt. 75c.

# MICHELL'S VERBENAS

*Annuals.*

1 to 4 ft.

One of the most popular garden annuals for beds and massing, and cannot be excelled for a gorgeous display during the summer months.

### Dwarf Upright Michell's Exhibition

This new dwarf upright type is a fine addition to the Verbena group. The plants are dwarf and well branched and produce large flower-heads. The individual florets have distinct eyes and the color-range is a choice mixture of bright shades. This type is fine for bedding and borders. Pkt. 25c.; large pkt. \$1.00; ¼oz. \$2.00.

## New Bush Type

**Snow-White.** New 1951. The latest addition to this popular type of Verbena. Plants are very bushy, dwarf and free flowering. The color is a pure snow-white. Pkt. 25c.; large pkt. 75c.

**Firelight.** The most vivid red Verbena we have ever seen. Masses of large blooms closely spaced provide a carpet of fiery brilliance unequaled in any other border or bedding plant. Truly a supreme addition to every garden. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25.

**Starlight.** A bright mid-blue with a creamy eye. Plants are of uniform bushy habit, about 8 to 10 inches high. Very free flowering. Excellent companion to Salmon Queen. Pkt. 25c.; large pkt. 75c.

## Giant Salmon Queen

The flower-heads are large and well filled with broad-petaled florets of an unusually pleasing shade of bright salmon-pink, each with a small white eye. Besides its many advantages as a border plant, the 8 to 10-inch straight stems and attractive color make it very desirable for bouquets. Pkt. 25c.; large pkt. 75c.

## Hybrida Grandiflora, Giant Varieties

**Annapolis Blue.** A real deep Belladonna-blue. A strong husky grower with large trusses of 3-inch flowers. Pkt. 25c.; large pkt. 60c.

## ★VIOLA

*Biennials.* 6 in.

**Arkwright Ruby.** Ruby-red with terracotta shadings. Very fragrant. Pkt. 25c.; large pkt. 75c.

**Jersey Gem.** The finest Viola of all. Pure rich violet flowers. Dwarf habit; continuous bloom. Pkt. 25c.; large pkt. 75c.

## Viola Bosniaca • Johnny-Jump-Up

Free bloomer. Small leaves. Purple flowers. Pkt. 25c.; large pkt. 75c.

## ★Viola Cornuta • Tufted Pansies

These resemble pansies in shape and form, and while not quite as large, they bloom more profusely and for a longer time. Seed sown in September produces flowering plants the following spring.

**Chantreyland.** A fine new Viola in a pure apricot shade. Outstanding in color and free-flowering habit. Pkt. 25c.; large pkt. 75c.

**Blue Perfection.** Light blue. Pkt. 10c.; large pkt. 75c.

**White Perfection.** Large; white. Pkt. 10c.; large pkt. 75c.

**Yellow Perfection.** Golden yellow. Pkt. 10c.; large pkt. 75c.

**Mixed.** All colors. Pkt. 10c.; large pkt. 60c.

**Brilliant.** A rich deep flame-rose with a medium-sized white eye. Pkt. 25c.; large pkt. 60c.

**Crimson Glow.** The deepest red shade available in this popular garden flower. The flowers are a solid mass of color. Pkt. 15c.; large pkt. 60c.

**Beauty of Oxford Hybrids, Mixed.** The color shades from clear rose-pink to rose-red. Pkt. 15c.; large pkt. 60c.

**Etna.** The finest and brightest color in Verbenas—an intense geranium-red with a small yellow eye; very large. Pkt. 15c.; large pkt. 60c.

**Giant White.** Mammoth flowers, pure white. Pkt. 10c.; large pkt. 60c.

**Lavender Glory.** A truly magnificent lavender variety of gigantic size. Undoubtedly the most glorious color in Verbenas, being a true lavender, with medium-sized creamy white eye. Very fragrant. Pkt. 15c.; large pkt. 60c.

**Lucifer.** Large flowers of an intense deep cardinal-scarlet throughout. Pkt. 15c.; large pkt. 60c.

**Luminosa.** Gigantic blooms of flame-pink, toning to softer shades of pink and coral. Pkt. 15c.; large pkt. 60c.

**Newport Salmon.** *Micbell Novelty.* An excellent giant-flowering, true salmon-pink with white eye. Extra-large florets. Pkt. 15c.; large pkt. 60c.

**Royale.** Rich deep royal blue flowers of enormous size, with creamy yellow eye. Pkt. 15c.; large pkt. 60c.

**Mammoth Fancy Choice Mixed.** Pkt. 10c.; large pkt. 60c.

*Perennial.* 12 in.

**Venosa.** Hardy Garden Verbena. Heliotrope-blue. Fine for bedding. Pkt. 10c.; large pkt. 40c.

## VINCA ROSEA Madagascar Periwinkle

Annual. 18 in.

Dwarf bedding plants, easily raised from seed. Deep green, glossy foliage and bright single blossoms of striking beauty. Also suitable for pot-plants. Sow early.

**Alba.** White, with rose eye.

**Alba pura.** Pure white.

**Kermesina.** Bright red.

**Rosea.** Rose, with dark eye.

Any of above, pkt. 10c.; large pkt. 40c.

**Mixed.** Pkt. 10c.; large pkt. 40c.; oz. \$2.50.

## WALLFLOWER

Half-bardy Perennials. 2 ft.

Deliciously fragrant blooms. They should be protected in a coldframe in winter and planted out in spring.

**Double, Mixed.** All colors. Pkt. 10c.; large pkt. 60c.

**Early-flowering Double, Mixed.** An extra-early variety, flowering from seed in 90 days. Pkt. 10c.; large pkt. 50c.

**Single, Mixed.** Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

**Gold Standard.** Double, deep golden yellow, very fragrant blooms. The finest variety for forcing. Pkt. 10c.; large pkt. 75c.

**Paris Extra-Early, Mixed.** A single-flowering variety which may be treated as an annual, flowering the first year from seed. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

## XERANTHEMUM Everlasting Flower

Annual. 12 in.

**Double Mixed.** For winter bouquets. Pkt. 10c.; large pkt. 40c.

## ZINNIAS Youth and Old Age

Hardy Annuals. 6 to 30 in.

**Howard's New Giant Crested Choice Mixture.** Magnificent shades of orange, orange-scarlet, yellow, rose, maize, and crimson. As cut-flowers they are without a peer. Pkt. 25c.; large pkt. 60c.; ¼oz. 75c.

**Floradale Scarlet.** A new kind of Zinnia. Giant scarlet-red, flowers with beautiful long ruffled petals. Very free flowering, with long strong stems. A splendid cut-flower; also fine for garden use. Pkt. 25c.; large pkt. 60c.; ¼oz. \$1.25.

## Fantasy or Chrysanthemum-flowered Varieties

The fairly large flowers have informally curled and twisted petals which produce an attractive novelty effect. Height 2½ to 3 ft.

**Melody.** Rich orchid-lavender.

**Orange Lady.** Bright orange.

**Pink Frills.** Soft flesh-pink.

**Rosalie.** Intense rose-pink.

**Star Dust.** Bright deep golden yellow.

**White Light.** Pure white.

**Wildfire.** Dazzling scarlet; a strikingly brilliant color. See color plate, page 29.

**Mixture.** Formula mixture of all colors in this class.

Any of above, pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

## Scabious-flowered

**Autumn Tints, Mixed.** The flowers range through all the gorgeous autumn tints, including orange, bronze, russet, dull red, carmine-red, and intermediate shades. Pkt. 15c.; large pkt. 50c.; ¼oz. \$1.00.

**Mixed.** Medium-sized flowers resembling the annual scabiosa. Choice mixed colors. Pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

## Giant Dahlia-flowered

Plants of vigorous habit, from 2½ to 3 feet high. Mammoth flowers, 4 to 6 inches across and 2½ to 3 inches deep, so closely resembling Decorative Dahlias that when placed by their side it is difficult to distinguish one from the other. This new type is also valuable for growing under glass for cutting.

**Buttercup.** Immense deep creamy yellow.

**Crimson Giant.**

**Dream.** Deep lavender, turning to purple.

**Exquisite.** Light rose, center deep rose.

**Golden Dawn.** Bright golden yellow.

**Golden State.** Orange-yellow.

**Indian Summer.** Mixture of crimson, cherry, flame, burnished copper, yellow, and white. A blend of dazzling colors, excellent for cutting.

**Luminosa.** A new shade of bright pink.

**Old Rose.**

**Oriole.** Orange and gold.

**Polar Bear.** Pure white.

**Purple Prince.** Large; deep purple.

**Royal Purple.** Deep rich reddish purple tones of this Zinnia are a charming reminder of the soft velvet of regal robes.

**Scarlet Flame.** Scarlet with blending of orange.

Any of above, pkt. 15c.; large pkt. 40c.; oz. \$2.00

**Mixed Colors.** See color plate, page 29. Pkt. 10c.; large pkt. 40c.; oz. \$2.00.

### COLLECTION

One pkt. each, our selection, of 12 colors.....	\$1 50
One pkt. each, our selection, of 6 colors.....	75
One large pkt. each, our selection, of 12 colors.....	3 75

## California Giant Zinnias

These are larger than the Giant Robusta, and are a cross between them and the Dahlia-flowered. An excellent, long-stemmed type for cutting.

**Brightness.** Deep rose.

**Cerise Queen.** Orange-rose.

**Daffodil.** Canary-yellow.

**Enchantress.** Bright rose.

**Golden Queen.** Golden yellow.

**Grenadier.** Dark red.

**Lavender Queen.** Rosy lavender.

**Miss Willmott.** Soft pink.

**Orange Queen.** Golden orange.

**Pastel Shades.** An outstanding mixture of soft pastel tones.

**Purity.** Best white.

**Salmon Queen.** Salmon-rose.

**Scarlet Queen.** Deep scarlet.

**Violet Queen.** Purple.

**Finest Mixed.**

Any of above, pkt. 10c.; large pkt. 40c.; oz. \$1.75

### COLLECTION

One pkt. each, our selection, of 12 colors.....	\$1 00
One pkt. each, our selection, of 6 colors.....	50

## Super Crown of Gold Mixture

The flowers are large and each petal is overlaid with deep golden yellow at the base, while carrying out the individual flower color at the tip. This mixture includes all shades of rose, cream, yellow, carmine-pink, red, and lavender. A vigorous grower, reaching a height of 2½ feet. See color plate, page 29. Pkt. 15c.; large pkt. 60c.; ¼oz. 85c.

## Zinnia Linearis

A very unusual and interesting new type of Zinnia. 8 to 10 in. Pkt. 15c.; large pkt. 60c.; ¼oz. \$1.00.

## Dwarf Double or Cut-and-Come-Again

Compact bushes not over 2 feet in height. Large, double flowers.

**Crimson  
Flesh-Pink**

**Pinkie.** Deep rose-pink.

**Salmon-Rose**

**Scarlet**

**Spun Gold.** Butter-yellow.

**White**

**Yellow.** Golden orange.

**Mixed**

Any of above, pkt. 10c.; large pkt. 25c.; oz. \$1.00

## Cupid Zinnias

The smallest of all. Compact plants about 1 foot tall, consisting of a large number of slender branches which give the plant a well-rounded, bushy habit. Each of the numerous upright stems bears a miniature flower that hardly exceeds 1 inch in diameter. Useful for corsage making. Choice mixed. Pkt. 15c.; large pkt. 30c.; ¼oz. 60c.

## Haageana • Mexican Hybrids

**Mixed.** Very popular small-flowering Mexican Zinnias, which have a charm all their own. Excellent for bedding, making a fine display and having long stems. Exceptionally good for house decoration. See color plate, page 29. Pkt. 15c.; large pkt. 50c.

## Elegans • Lilliput or Baby

Of compact habit, not over 15 inches high. Beautiful, miniature, perfectly double flowers.

**Black Ruby.** Bronze Medal, All-America Selections. Deep velvety maroon.

**Canary-Yellow.**

**Dainty Gem.** New dainty bicolor rose.

**Golden Gem.**

**Lilac Gem.**

**Purple Gem.**

**Scarlet Gem (Red Riding Hood).**

**Valencia.** A new shade of burnt-orange.

**White Gem.**

**Mixed Colors.** This new mixture is composed solely of delicate shades not found in the ordinary mixed type. See color plate, page 29.

Any of above, pkt. 10c.; large pkt. 25c.; oz. \$1.25

### COLLECTION

One pkt. each, our selection, of 6 colors, 50c.

## XANTHISMA TEXANUM Star of Texas

Annual. 18 in.

One of the prettiest annuals and deserves to be very popular. The light canary-yellow flowers are single, daisy-like, with long-pointed petals. Pkt. 25c.; large pkt. 60c.

## Annual Mixed or Wild Flower Garden Seed

This mixture includes a large number of varieties of easy-growing, beautiful and interesting annual flowers which will furnish a profusion of bloom throughout the entire summer and autumn. Many of them will be found useful for cutting. Pkt. 10c.; oz. 25c.; ¼lb. 60c.; lb. \$2.00.

# Michell's Summer-Flowering Bulbs

## Amaryllis

**CULTURAL DIRECTIONS:** There are few bulbs which will give the amateur gardener (or even the professional) more for his money or time than the Amaryllis.

Place the bulbs, when they are procurable (usually from fall until spring), in pots 4 to 6 inches or more in diameter, and cover only to the shoulder of the bulb, leaving the neck protruding. Use a rich sandy loam, mixed with some bonemeal or sheep-manure. Water sparingly at first but increase as the growth increases. A temperature of from 50 to 60 degrees is the most suitable. The flower-spikes, often 3 to a bulb, will develop quickly, and each bears several of the immense, beautifully colored, lily-like flowers.

After blooming, it takes the foliage a considerable time to complete its growth, and the plants should be well cared for during that period, to insure next year's blooming. Dry off gradually and after the leaves turn yellow, keep the pots in a cool and dark place for about 4 to 5 months, when they can be started again as described above.

## Giant American Hybrids

The finest race of Amaryllis in cultivation, exceeding in size and fine form of their flowers as well as in the diversity of colors and markings, all former hybrids. Flowers striped and flaked. We offer mixed colors only.

	Each	Doz.
First size selected bulbs.....	\$0 50	\$5 50
Mammoth bulbs.....	75	8 00
Jumbo bulbs.....	1 00	11 00



Amaryllis



Begonia, Tuberous-Rooted

## Michell's Superb Tuberous-Rooted Begonias

Our strain is the finest grown. The enormous flowers are of the most exquisite coloring and are produced in great abundance. These can be grown in porch- or window-boxes, or in the garden in semi-shady places; can be started in pots indoors very easily. Plant outdoors in May, in a light, well-drained soil where they will flower uninterrupted from latter part of June till frost.

### Single Crispa Frilled Begonias (Large Bulbs)

	Each	Doz.	100
Orange.....	\$0 25	\$2 50	\$20 00
Pink, Rose.....	25	2 50	20 00
Salmon.....	25	2 50	20 00
Scarlet.....	25	2 50	20 00
White.....	25	2 50	20 00
Yellow.....	25	2 50	20 00

### Double Camellia-Flowered Begonias (Large Bulbs)

	Each	Doz.	100
Orange.....	\$0 25	\$2 50	\$20 00
Pink, Rose.....	25	2 50	20 00
Salmon.....	25	2 50	20 00
Scarlet.....	25	2 50	20 00
White.....	25	2 50	20 00
Yellow.....	25	2 50	20 00
Extra Large Bulbs in above colors....	35	4 00	25 00

## Begonia Pendula

(HANGING-BASKET TYPE)

Unsurpassed for vases, hanging-baskets, porch- and window-boxes. Medium-sized flowers all season.

**Mixed Colors.** Each 25c.; doz. \$2.75; 100, \$22.50.

## Fancy-leaved Caladiums

These are grown for us by one of the leading hybridizers. They are charming conservatory plants. Being of a tropical nature, they like a warm temperature. They do quite well outdoors during the summer if planted in a shaded place. The foliage covers a wide range of colors, making a grand display. Bulbs should be started in moss with plenty of bottom heat.

Ask for leaflet on their culture and care.

### Extra Highly Colored Named Varieties

3 for \$1.00; doz. \$4.00; 100, \$30.00.

### Mixed Varieties

An assortment especially blended for us. 3 for 90c.; doz. \$3.50; 100, \$25.00.

**NOTE:** It often happens that the finest colored varieties do not produce the largest bulbs. The bulbs we furnish can be depended on for best results.

### Caladium Esculentum. Elephant Ears.

	Each	Doz.
Selected Size.....	\$0 25	\$2 50
Top size.....	35	4 00

## Calla Lilies

Excellent as a pot-plant for the window-garden or for growing outdoors, preferring a shaded location. May be started inside any time prior to May 1, after which they can be safely planted out.

**Elliottiana.** Yellow flower as large as the common white Calla. Spotted leaf.

	Each	Doz.	100
Selected bulbs.....	\$0 40	\$4 50	\$35 00
Mammoth bulbs....	60	5 50	40 00
Top size.....	85	9 00	67 50
Jumbo.....	1 00	10 00	75 00

**Spotted.** Flowers

white. Foliage green			
spotted white.....	60	5 50	40 00

## Baby Calla

**Pink (Richardia Rebmanni).** Dwarf. Flowers rose-pink, fading to cerise as they mature. An unusual flower. Each 50c.; doz. \$5.50.



Calla Lily, Yellow



# Everybody Loves ZINNIAS

## COLLECTION F

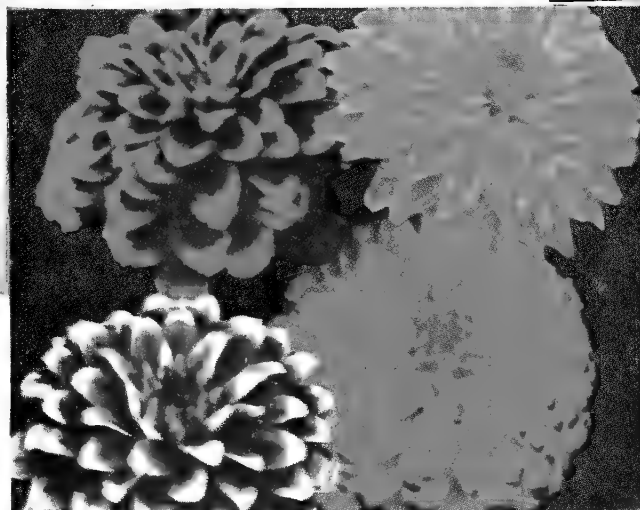
5 pkts.  
1 each of these five superb  
Zinnias

**50c** Post-  
paid



**ZINNIA elegans**  
(Lilliput or Baby),  
Pastel Mixture

Compact plant not over 15  
inches high. Miniature, per-  
fectly double flowers in deli-  
cate tones not found in ordi-  
nary mixtures. **Pkt. 10c.;**  
**large pkt. 25c.**



**ZINNIA Haageana, Mexican Hybrids, Mixed**

Popular small-flowering  
type with a charm all its  
own. Excellent for bedding  
and house decoration. **Pkt.**  
**15c.;** **large pkt. 50c.**

**ZINNIA,**  
**Dahlia-Flowered,**  
**Mixed Colors**

This is the largest Zinnia  
to date, with huge blooms  
4 to 6 inches across and 3  
inches deep. Excellent for  
cutting. Vigorous plants  
2½ to 3 feet high. **Pkt.**  
**10c.;** **large pkt. 40c.**

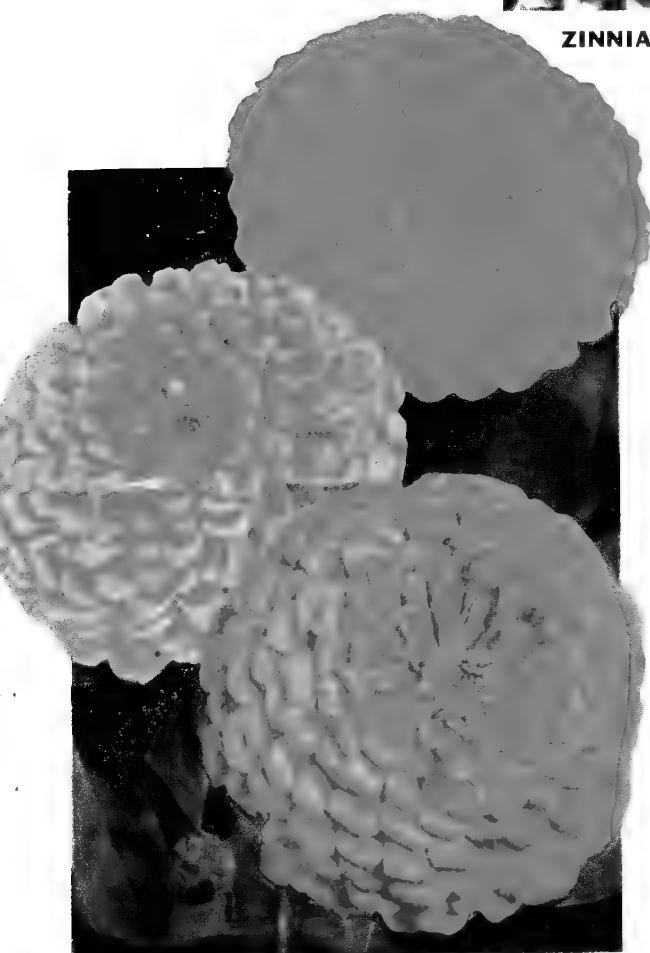
**ZINNIA,**  
**Super Crown of Gold**

Large flowers on a strong,  
2½-foot plant. All shades  
of rose, cream, yellow,  
carmine-pink, red and lav-  
ender. Each petal has a  
deep golden base. **Pkt. 15c.;**  
**large pkt. 60c.**



**ZINNIA, Fantasy or**  
**Chrysanthemum-Flowered,**  
**Wildfire**

Dazzling scarlet, a strikingly brilliant  
color. Informally curled and twisted  
petals. Height 2½ to 3 feet. **Pkt. 15c.;**  
**large pkt. 50c.**



# MICHELL'S SUMMER-FLOWERING BULBS, continued



Gloxinias

## Gloxinias

Gorgeous plants for either the conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until May 15. We offer extra-fine, large bulbs.

<b>Emperor Frederick.</b> Each	Doz.	100
Red, striped white..	\$0 45	\$4 75 \$35 00
<b>Emperor William.</b>		
Purple, striped white	45	4 75 35 00
<b>Etoile de Feu.</b> Scarlet.....	45	4 75 35 00
<b>Mont Blanc.</b> White..	45	4 75 35 00
<b>Roi des Rouges.</b> Dark red.....	45	4 75 35 00
<b>Tigrina.</b> Spotted....	45	4 75 35 00
<b>Violacea.</b> Light purple.....	45	4 75 35 00
<b>Extra-Large Bulbs</b> in above varieties..	55	5 75 40 00

## Cinnamon Vine

Free-growing climber, with small white flowers deliciously scented. Makes a quick, dense shade. Large roots, 3, 40c.; doz. \$1.50.

## Gloriosa superba Rothschildiana

Handsome African tuberous-rooted plant known as "Climbing Speciosa Lily," used mostly as a greenhouse climber, but can be grown successfully outdoors in a warm, sunny location. May be grown on a trellis as it finds support through the numerous tendrils. It grows 6 to 8 feet and produces large, gorgeous, lily-like flowers which open bright yellow, changing to deep scarlet. Strong tubers. Each \$1.25; doz. \$12.00.

## Ismene calathina

(PANCRA TIUM LILY; PERUVIAN DAFFODIL)

A choice flowering bulb, blooming profusely during the summer. Clusters of large, striking, fragrant, pearly white flowers. Bulbs should be kept warm and dry and planted out the middle of May; they will commence flowering in July. Before freezing weather sets in they should be lifted and kept in a warm, dry place. Large bulbs, each 50c.; doz. \$5.00.

## Montbretias

Montbretias resemble miniature gladiolus, are fine for cutting, and excellent for border planting. They prefer a light, loamy soil, well enriched with leaf-mold, but no manure or chemical fertilizer should touch the roots. A little bonemeal and a light top-dressing of lime is beneficial. They will thrive either in partial shade or full sunlight, but see that the moisture supply is good at all times.



Montbretias

	Doz.	100
<b>Aurora.</b> A fine golden orange..	\$1 50	\$10 00
<b>Fire King.</b> Fiery red.....	1 00	7 00
<b>George Davison.</b> Pure golden yellow.....	1 00	7 00
<b>His Majesty.</b> Rich yellow center, shading to scarlet. . .	1 75	12 00
<b>King Edmund.</b> Rich golden yellow, with brown markings in throat.....	1 00	7 00
<b>Choice Mixed</b> .....	85	6 00

Other varieties of Montbretias supplied on request

ALL PRICES SUBJECT TO MARKET CHANGES

## Madeira or Mexican Vine

Also known as "Climbing Mignonette." A beautiful and popular vine, growing rapidly, and much prized for porches and arbors. Leaves heart-shaped and of a light green color. Racemes of feathery, white, fragrant flowers produced in profusion. Should be protected with litter during the winter. Extra-large selected tubers, 3, 40c.; doz. \$1.50.

## Oxalis

(SUMMER-BLOOMING)

Valuable for edging the borders of walks or flower-beds.

	Doz.	100
<b>Deppei.</b> Small white flowers...	\$0 35	\$2 50
<b>Shamrock.</b> Clover-like foliage. Pink flowers.....	35	2 50
<b>Mixed Oxalis</b> .....	30	2 00

## Tigridia Pavonia

(MEXICAN SHELL-FLOWER)

**Hybrids, Mixed.** An excellent flowering bulb for the garden, known as the Tiger or Shell-Flower. Colors vary from pure white to gold and vivid scarlet, all deeply blotched and speckled with crimson-maroon. Plant in May, 6 inches apart and 3 to 6 inches deep; they require treatment similar to gladiolus. 3, 50c.; doz. \$1.75; 100, \$12.00.

## Tuberoses

One of the most fragrant and popular of summer-flowering bulbs. For blooming in the open, plant about the middle of May.

**Albino or Mexican.** Single white blooms in July and August. A very free-flowering variety. The odor is less pronounced than in the double varieties. Doz. \$1.25; 100, \$9.00.

**Double Pearl.** Double; pure white.

	Doz.	100
First size .....	\$1 50	\$11 50
Top size.....	2 10	16 50

## Zephyranthes

(FAIRY LILY)

This is a small-flowering type of dwarf-growing amaryllis, flowering in profusion during the summer; also suitable for pot-culture.

<b>Carinata.</b> Very large, showy pink blooms.....	Doz.	100
	\$0 90	\$6 00
<b>Treatiae rosea.</b> Clear rose...	90	6 00



Tigridia Pavonia

# Michell's Hardy Garden Lilies

A garden is not complete without a planting of Hardy Lilies. They do exceedingly well in the herbaceous border. The varieties listed can be planted in the early spring months, and it is recommended that they be planted among hardy perennials, as the shade from the surrounding plants is necessary for their welfare.

**CULTURAL DIRECTIONS.** All Hardy Lilies should be planted from 6 to 10 inches deep. The bulbs should be completely enveloped in sand and no manure should come in contact with them, but may be placed 4 to 6 inches underneath. All loose-petaled bulbs should be planted on their sides instead of upright. Cover with leaves or litter during winter.

## Regal Lily • *Lilium regale*

One of the finest garden Lilies introduced. On sturdy stems, 3 to 5 feet high, are produced an abundance of large, beautiful flowers, the centers of which are flushed bright golden yellow, shading off to creamy white at outer edges. Externally the flowers are streaked with brown, shaded a delightful pearly tint. Should be planted in fall or early spring, 8 to 9 inches deep. Commences flowering in July. This variety has also been used for forcing with very good results.

**Large Selected.** Each 30c.; doz. \$3.50; 100, \$25.00.

**Mammoth.** Each 40c.; doz. \$4.50; 100, \$35.00.

**Top Size.** Each 50c.; doz. \$5.50; 100, \$40.00.

**Jumbo.** Each 65c.; doz. \$7.50; 100, \$55.00.

## Miscellaneous Lilies

**Canadense.** Canadian Bellflower Lily. Bright yellow flowers, spotted black inside. 3 to 5 ft. June, July. Each 30c.; doz. \$2.75; 100, \$20.00.

★**Elegans, Mixed.** Shades of orange. 2 ft. June, July. Each 35c.; doz. \$3.50; 100, \$25.00.

**Henryi.** Yellow Speciosum Lily. Distinct orange-yellow flowers in great profusion. Tall grower, often 7 feet. July, August.

	Each	Doz.	100
Mammoth bulbs....	\$0 50	\$5 00	\$35 00
Top-size bulbs.....	75	8 00	55 00

**Pardalinum.** Sunset Lily. A California variety bearing 12 to 20 strongly recurved flowers of bright orange, spotted dark crimson. Moisture-loving, and does exceptionally well where lime is not prevalent. Base-rooting; plant 5 inches deep. Each 50c.; doz. \$5.00; 100, \$35.00.

The varieties marked ★ are excellent for the rockery.

**Speciosum rubrum or roseum.** Delicate pink, almost white, spotted red. One of the old garden favorites. Height 4 to 5 feet. September.

	Each	Doz.	100
Mammoth bulbs...	\$0 85	\$9 00	\$70 00
Top-size bulbs.....	1 10	12 00	95 00
Jumbo bulbs.....	1 35	15 00	110 00

**Philippinense.** This wonderful Lily produces large pure white blooms tinted with rose on the outside. In size and form it resembles the Easter Lily, with a similar delightful fragrance. It is a profuse bloomer and invaluable as a cut-flower. Each 35c.; doz. \$4.00; 100, \$30.00.

**Superbum.** Turk's-Cap Lily. Grows from 4 to 5 feet high and produces from 15 to 25 orange-red flowers on a stalk. August. Each 50c.; doz. \$5.00; 100, \$35.00.

★**Tenuifolium.** Coral Lily. A very graceful, dwarf Lily with thread-like leaves and clusters of tiny, bell-like, recurved flowers of brilliant coral-red. 1½ ft. June. Each 25c.; doz. \$2.75; 100, \$20.00.

**Testaceum.** Many flowers of warm nanken-yellow. Base rooting. Height 4 to 5 feet. June, July. Plant 2 to 3 inches deep. Each \$1.25; doz. \$14.00.

**LILIUM WILLMOTTIÆ.** A vivid orange-red with recurved petals and many small brown spots. Height 4 to 5 feet. July, August. Each 40c.; doz. \$4.00; 100, \$30.00.

ALL PRICES SUBJECT TO MARKET CHANGES



LILIUM REGALE

## Lily-of-the-Valley Pips

For outdoor planting only. Bundles contain 25 good-sized pips, with good root-growth, all of which will flower with the proper care. The best of the stock is being selected for us. We can make shipment of these up to April 1. Bundles of 25 pips \$1.00; doz. bundles \$10.00.

# Large-Flowering Cannas

**Ambassador.** Brilliant cherry-red flowers. Bronze foliage. 3½ ft. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

**City of Portland.** A glowing pink. Foliage green. 3½ ft. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

**Hungaria.** Plant dwarf and compact. Flowers rich peach-blossom-pink. Foliage green and very massive. 3½ ft. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

**King Humbert.** Its majestic growth is enhanced by its massive trusses of coppery scarlet flowers. Foliage is deep bronze. 4½ ft. Roots, 3, 50c.; doz. \$1.75; 100, \$11.00.

**Canna Plants.** If plants are wanted, they are ready about May 10, and will be supplied at the following prices: Doz. \$6.00; 100, \$45.00. Please specify if Roots or Plants are wanted.

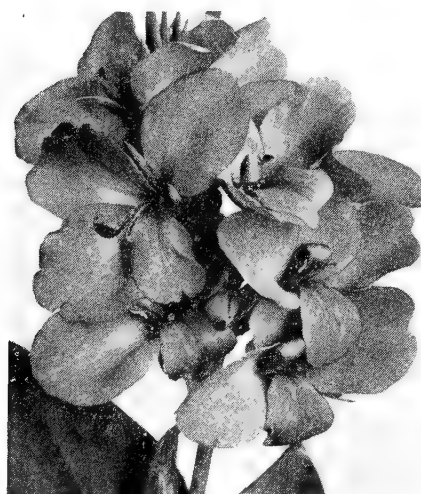
**Richard Wallace.** Large, showy, pure canary-yellow flowers. Green foliage. 4½ ft. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

**The President.** Rich glowing scarlet. Green foliage. 4 ft. Roots, 3, 50c.; doz. \$1.75; 100, \$11.00.

**Yellow King Humbert (Queen Helen).** Masses of golden yellow flowers, dotted red; occasionally some will be streaked red. Green foliage. 4½ ft. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

**Mixed Cannas.** All colors. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

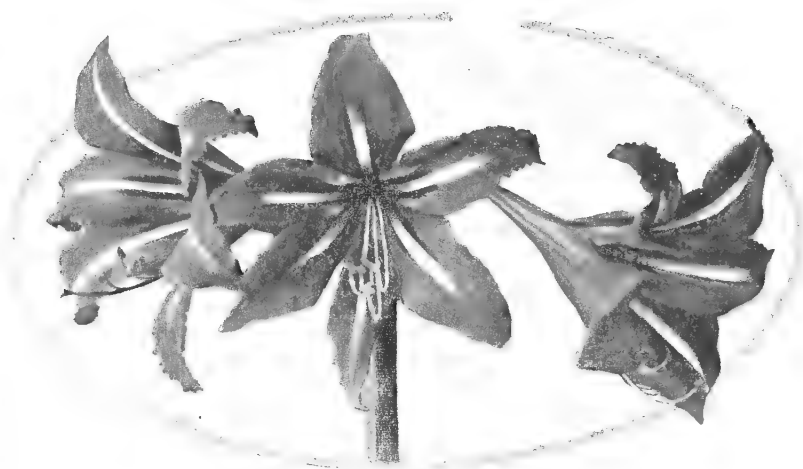
Canna roots are carefully selected and true to name



Cannas

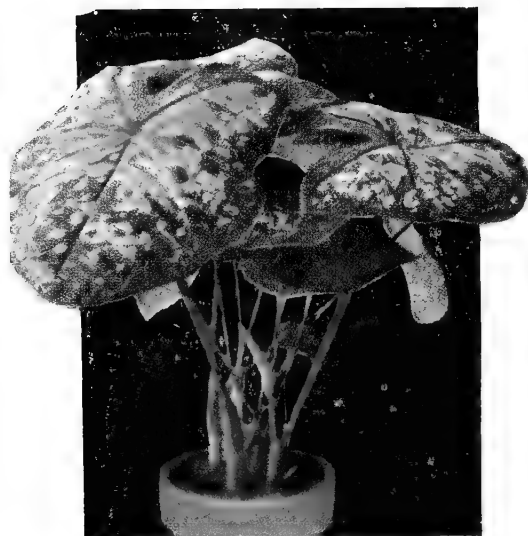


**LILIAM Willmottiae**  
Each 40c.; doz. \$4.00; 100, \$30.00



### AMARYLLIS, Giant American Hybrids

A very fine race of Amaryllis with a great diversity of colors and markings. Easily raised indoors in pots. Place the bulb in a 4-inch pot and cover only to the shoulder of the bulb. Set in a cool place and water sparingly. We offer mixed colors only. **Mammoth bulbs, each 75c.; doz. \$8.00.**



**CALADIUM, Fancy-Leaved**  
Named varieties, 3 for \$1.00; doz. \$4.00.  
Mixed varieties, 3 for 90c.; doz. \$3.50.

## BULBS TO PLANT THIS SPRING

### LILY COLLECTION

4 bulbs,	1 each of the four varieties below . .	\$2.10
12 bulbs,	3 each of the four varieties below . .	6.00
24 bulbs,	6 each of the four varieties below . .	11.50



### LILY-OF-THE-VALLEY

For outdoor planting  
**Bundle of 25 pips \$1.00; doz. bundles \$10.00.**



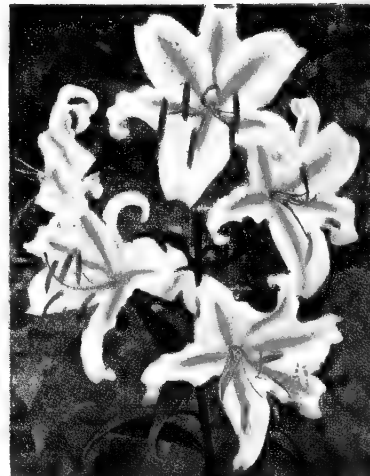
**LILIAM tenuifolium**  
(Coral Lily)  
Each 25c.; doz. \$2.75



**LILIAM regale (Royal Lily)**  
Mammoth bulbs, each 40c.;  
doz. \$4.50



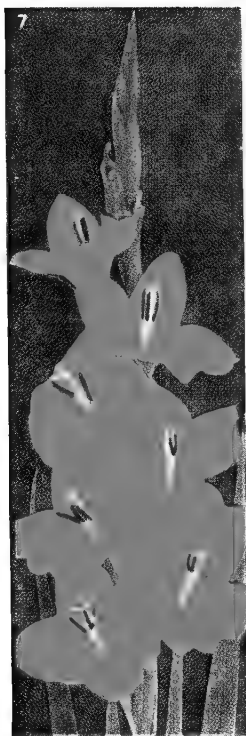
**LILIAM speciosum rubrum**  
(Orchid Lily). Mammoth bulbs,  
each 85c.; doz. \$9.00



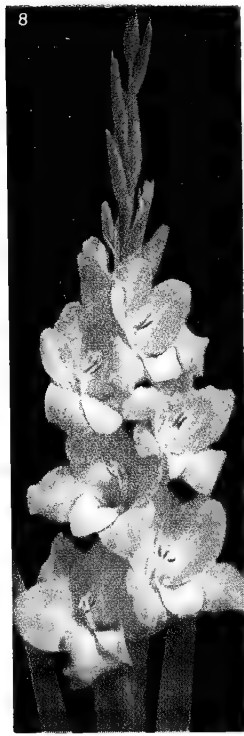
**LILIAM auratum (Goldband Lily)**  
Mammoth bulbs,  
each 75c.; doz. \$8.50



# GLADIOLUS



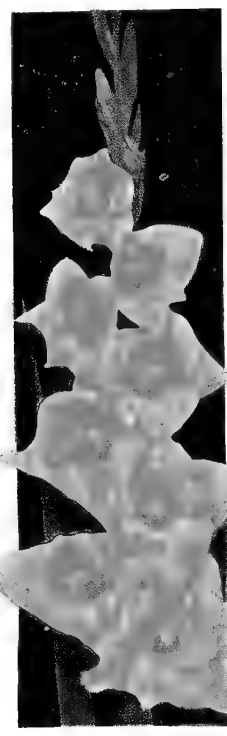
**EXCELLENCE**  
Doz. 85c.; 100, \$6.50



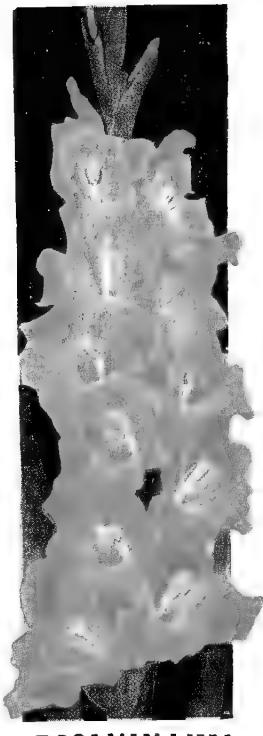
**EARLY MELODY**  
Doz. \$1.00; 100, \$7.00



**MARGARET  
BEATON**  
Doz. \$1.25; 100, \$8.00



**GOLD DUST**  
Doz. 75c.;  
100, \$6.00



**ROSA VAN LIMA**  
Doz. \$1.00;  
100, \$7.00

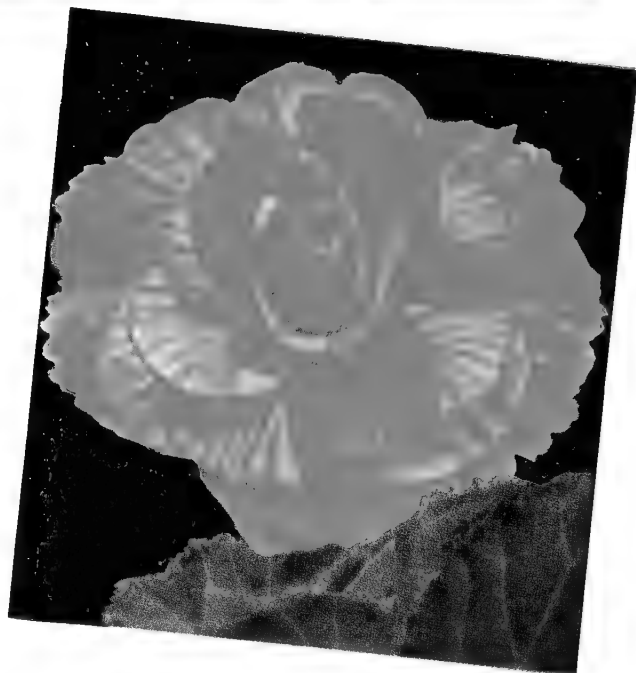
## GLADIOLUS COLLECTIONS

- 25 BULBS, 5 each of these five varieties, \$2.00
- 50 BULBS, 10 each of these five varieties, \$3.50
- 100 BULBS, 20 each of these five varieties, \$6.50



## GLOXINIAS

Beautiful plants for the conservatory or garden, with profuse, velvety flowers in glorious rich colors. See page 31 for a fine selection of varieties. **First-size bulbs, 3, \$1.25; doz. \$4.75. Top-size bulbs, 3, \$1.50; doz. \$5.75.**



## BEGONIAS, Double Camellia-Flowered

For the porch box or semi-shady place in the garden. Enormous flowers in exquisite shades. See page 30 for a fine selection of colors. **First-size bulbs, 3, 65c.; doz. \$2.50. Top-size bulbs, 3, \$1.00; doz. \$4.00.**

# Michell's Gorgeous Gladiolus

There is no other summer-flowering bulb that is enjoying so great popularity as the Gladiolus. Their adaptability to garden decoration or to use as cut-flowers during the summer and early autumn is surpassed by no other flower. They are not only showy in the garden, but when cut with the first flower open will last for ten days in the house. While they thrive in almost any good garden soil, better results may be had if soil is well prepared and enriched with some of our pulverized manures. Plant bulbs 4 inches deep and from 4 to 6 inches apart.

## 1951 Gladiolus Collection

	Doz.	100
<b>Excellence.</b> Bright scarlet.	\$0 85	\$6 50
<b>Early Melody.</b> Light lavender.	1 00	7 00
<b>Gold Dust.</b> Deep yellow.	75	6 00
<b>Margaret Beaton.</b> White.	1 25	8 00
<b>Rosa van Lima.</b> Clear pink.	1 00	7 00
<b>Special Collections of Above Varieties</b>		
5 each of 5 varieties (25 bulbs)...	\$2 00	
10 each of 5 varieties (50 bulbs)...	3 50	
20 each of 5 varieties (100 bulbs)...	6 50	

### Pink Shades

- Bagdad.** Delicate smoky old-rose, deepening toward edges of petals, with lighter throat; large flowers. Doz. 75c.; 100, \$6.00.
- Break of Day.** La-France-pink penciled on scarlet. Doz. 75c.; 100, \$6.00.
- Debonair.** La-France-pink, shading to shrimp-pink toward the center, with creamy throat. Doz. 75c.; 100, \$6.00.
- Lulu Hunt.** Rich geranium-pink. Early. Doz. 75c.; 100, \$6.00.
- Margaret Fulton.** Pretty soft medium dark salmon. Good pink for early midseason. Doz. 65c.; 100, \$5.00.
- Phyllis McQuiston.** A very large, light pink floret suffused with cream-yellow. Strong grower; very desirable. Doz. 75c.; 100, \$6.00.
- Picardy.** It makes tall growth and bears unusual spikes of beautiful flesh-pink florets, shading to soft shrimp-pink toward the edges of the petals. Doz. \$1.00; 100, \$7.00.
- Rosa van Lima.** A pure clear pink with no shade of salmon as most pink Glads have. Doz. \$1.00; 100, \$7.00.

### Yellow Shades

- Gate of Heaven.** Pure deep yellow; flowers large, heavily ruffled. Doz. \$1.00; 100, \$7.00.
- Gold Dust.** Deep rich pure yellow. Popular early-flowering variety. Doz. 75c.; 100, \$6.00.
- Miss Bloomington.** An excellent yellow becoming more and more popular. Early medium yellow shading slightly deeper at throat without any markings. Doz. 75c.; 100, \$6.00.
- Paradise.** Large; tall growing; apricot; slightly ruffled, with many flowers on spike. Doz. 75c.; 100, \$6.00.
- Primrose Princess.** Large; light yellow, carmine markings. Doz. 75c.; 100, \$6.00.
- Shirley Temple.** Light cream, with a rich creamy yellow throat; large, ruffled, 6-inch florets with as many as 8 to 10 open at one time. Doz. \$1.00; 100, \$7.00.

### Red and Scarlet Shades

- Beacon.** Salmon-red with large cream blotches; flowers large and slightly ruffled. Long, strong stems. Doz. 85c.; 100, \$6.50.
- Dr. F. E. Bennett.** Peach-red, overlaid flame color, throat finely stippled ruby and white. Doz. 85c.; 100, \$6.50.
- Dream of Beauty.** A rosy purplish red (deep wine color) of great beauty. Doz. \$1.25; 100, \$8.00.
- Excellence.** Bright scarlet. Early to bloom; good for cutting. Doz. 85c.; 100, \$6.50.
- Flaming Sword.** Very early. Bright scarlet-red. Doz. 65c.; 100, \$5.00.

## Outstanding Varieties of Recent Introduction

- Black Opal.** An exceptionally rich dark red. Flower-head is long and florets are well placed. Marvelous for exhibition purposes. Doz. \$1.50; 100, \$10.00.
- Blue Beauty.** This Gladiolus is well named, for it surely is a "blue beauty." The deep blue shade becomes a bit lighter at the edges of the petals. It is a tall, strong grower and produces long spikes that will open eight florets at once. Doz. \$1.25; 100, \$8.00.
- Casablanca.** Large, ruffled white. Very attractive flower. Doz. \$1.25; 100, \$8.00.
- Corona.** This variety is creamy white with rosy lavender edge around petals. Very striking, as petals are of the round type which attract much attention. Doz. \$1.50; 100, \$10.00.
- Elizabeth the Queen.** Light lavender with slightly deeper self markings in throat. Nicely ruffled petals with many large blooms open at one time. Doz. \$1.50; 100, \$10.00.
- Ethel Cave-Cole.** Large, wide-open florets of light pink with slightly deeper and more rosy throat. A lovely, striking variety which is becoming very popular. Doz. \$1.50; 100, \$10.00.
- June Bells.** Beautiful, tall, large-flowering pure white. Excellent variety. Doz. \$1.25; 100, \$8.00.
- New Europe.** Large, sparkling orange-scarlet. Doz. \$1.25; 100, \$8.00.
- Purple Supreme.** Tall, bright purple. An ideal variety. Doz. \$1.25; 100, \$8.00.
- Rewi Fallu.** Giant, dark blood-red. Becoming a general favorite. Doz. \$1.50; 100, \$10.00.
- Rocket.** Bright scarlet of a pleasing shade, and one of the very best varieties this season. A tall grower with seven or more perfect blooms at a time. Doz. \$1.25; 100, \$8.00.
- Spotlight.** Wonderful deep yellow with red blotch at throat. Tall, strong grower. Doz. \$1.50; 100, \$10.00.
- Stoplight.** New brilliant red, slightly ruffled. Doz. \$1.00; 100, \$7.00.
- Valeria.** Clear red with a silky sheen; darker toward the center, with faint white line on lower petals. Opens beautifully and keeps well. Doz. \$1.50; 100, \$10.00.

### White Shades

- Margaret Beaton.** Clear white with orange-red blotch. An outstanding variety. Doz. \$1.25; 100, \$8.00.
- Snow Princess.** Pure white, similar to Maid of Orleans and much in demand. Doz. 75c.; 100, \$6.00.
- Silentium.** White blending to cream, with carmine markings in throat. Early flowering, with tall spikes that have many open florets at one time. Doz. 75c.; 100, \$6.00.

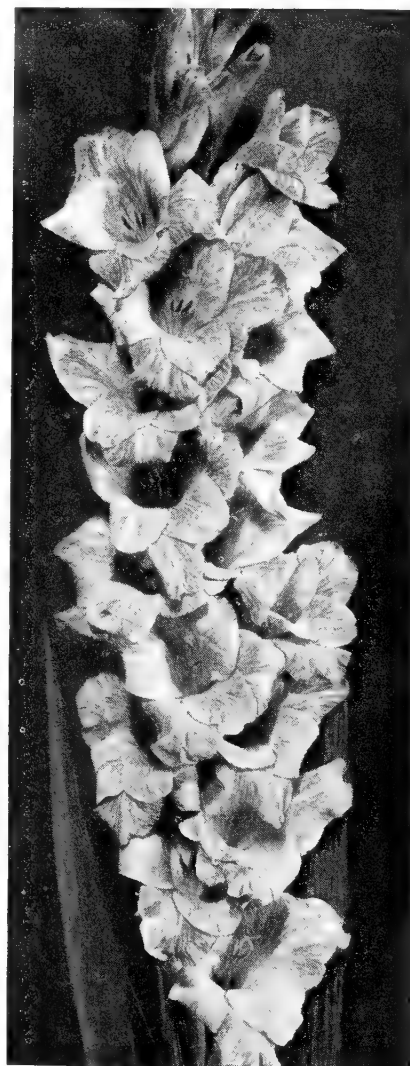
- Wanda.** Sport of Picardy and one of the best creamy whites on the market. Large flowers on tall spikes. Doz. \$1.00; 100, \$7.00.

### Blue, Lilac, and Purple Shades

- Ave Maria.** Glowing lilac-blue, each flower marked with a small purple blotch. Doz. \$1.50; 100, \$10.00.
- Early Melody.** Light lavender. Doz. \$1.00; 100, \$7.00.
- King Lear.** Blooms of clear deep reddish purple with a silvery line at the edges, carried on tall spikes. Florets are very large and heavily ruffled. Doz. \$1.25; 100, \$8.00.
- Lavender Ruffles.** Slightly ruffled pinkish lavender with a white throat. Doz. \$1.00; 100, \$7.00.
- Minuet.** Light lavender with 4 to 6 large, heavy blooms open at one time. Doz. \$1.50; 100, \$10.00.
- Pride of Wanaka.** Large; deep lavender-rose with deeper blotch in throat. Doz. 75c.; 100, \$6.00.

### Mixture of Gladiolus

- Michell's Giant Exhibition.** Every bulb for this mixture has been selected with the utmost care for coloring and size of flowers. First-size bulbs, doz. 75c.; 100, \$6.00; 1000, \$55.00.
- Second-size bulbs, doz. 60c.; 100, \$4.50; 1000, \$40.00.



Gladiolus

ALL PRICES SUBJECT TO MARKET CHANGES

# Michell's Meritorious Dahlias

**TIME OF SHIPMENT.** Unless specially requested, tubers will be shipped March 15 to June 1; plants, May 15 to June 15.

**CULTURE.** Dahlias are at their best during the latter part of September or early in October. To get exhibition blooms, disbud plants up to August 1. Spade or plow the soil 1 to 1½ feet deep; fertilize with manure or Hyper-Humus; scatter about ¼ pound of bonemeal around each hill when planting. If soil is very heavy, incorporate a liberal quantity of granulated peat moss. About August 1, apply about ½ pound bonemeal to each plant and work in thoroughly; sheep manure or potato fertilizer can be substituted for bonemeal at this time to good advantage.

## How to Keep Dahlia Tubers After They Are Shipped to You If Too Early to Plant

Open package and allow tubers to remain in packing material. Do not expose to air or moisture too much; keep in a cool place, but not where they will freeze.

ID., Informal Decorative; FD., Formal Decorative; MID., Miniature Informal Decorative; SC., Semi-Cactus; C., Cactus; IC., Incurred Cactus; Col., Collarette.

## Recent Introductions

**Aglow.** ID. Amber-yellow heavily suffused scarlet on the center of each petal, enhanced by a golden sheen over all. A popular autumn shade. Roots, \$1.50. Plants, 75c.

**Clariam Kelton.** ID. Flame-red blended with yellow and with yellow reverse. Blooms are large and very showy in the garden. Plants are tall, open growers and hold the blooms on long, strong stems. Roots, \$1.00.

**Faithful.** SC. Bush growth is sturdy, with well-proportioned stems and glossy green foliage. Pure white blooms which are always full-centered. Roots, \$1.50. Plants, 75c.

**Five Star General.** FD. Amaranth-pink edged and shaded soft canary-yellow. A consistent bloomer of pleasing color. Roots, \$1.50. Plants, 75c.

**Garden State.** FD. Our recent introduction. The color is amaranth-pink. The blooms average 7 to 8 inches across. Open in growth with healthy, medium dark foliage. Height 4 feet. Roots, \$1.00.

**Greater Glory.** C. Deep rose-pink tinting lighter at center. Flowers have excellent formation and are held on good stems. A tall, vigorous bush. Roots, \$1.00.

**Gypsy Girl.** FD. A variegated light rose flecked with dots and stripes of purple. Fine growing bush and a profuse bloomer. Roots, \$1.50. Plants, 75c.

**Jubilant.** MID. Color is cherry-red, inclined orange, with a lighter reverse. There is just no end of blooms, which hold perfect centers. Makes a gay, bright spot in any garden. Roots, \$1.00.

**King David.** (Corbett-Dahliadel.) FD. A stunning 9 by 5-inch Formal of regal color. Rich deep purple, inclined to violet-purple, which does not fade. Grows about 4½ feet with plenty of stem for cutting. Roots, \$1.00.

**Kirsten Flagstad.** ID. The color is rich gold suffused lightly with apricot. Blooms very early and continuously throughout the season. Plants are tall, with flowers held above the heavy foliage. Roots, \$1.50.

**Mary Noble.** FD. Beautiful phlox-pink to bright mauve. Blooms have size, depth and good quality. An outstanding champion from Australia. Plants are tall and vigorous. Roots, \$1.50.

**Miss San Diego.** C. Artistic blooms with lacinated petals. Yellow centers with Amaranth-pink on outer petals. Roots, \$1.50. Plants, 75c.

**Mme. Chiang Kai-shek.** ID. Deep lemon-yellow, with a soft peach and mauve suffusion on the reverse and tips of petals. Unusually wavy petals; plant strong and robust. Roots, \$1.00.

**Mrs. Hester A. Pape.** ID. A reddish purple anyone can grow and grow well. Bushes medium tall, with vigorous growth and fine foliage. A good bloomer over a long season. Roots, \$2.50.

**Ogden Reid.** ID. Bright rose with gold shadings. Produces exhibition blooms with very little special attention. Roots, \$1.00.

**Red Velvet.** SC. Rich currant-red with cardinal shadings; soft Tyrian purple shadings on the reverse. Healthy, strong stems growing well out of the foliage. Roots, \$3.00. Plants, \$1.50.

**Rhythm.** (Dozier-Dahliadel.) IC. This 8-inch Incurred Cactus is an exquisite beauty with its attractive double serrated tips. Cameo or shrimp-pink color with suffusions of soft rose and lemon shadings at the base of the petals and center of the flower. Roots, \$1.50. Plants, 75c.

**Southern Thorobred.** SC. Very large, mauve-lavender flower that has been grown to 13 inches across. The flowers are shaggy and are held facing on long stems. Bushes grow tall. Roots, \$1.50.

**The Dragon.** ID. Petals are apricot in the center, edged lengthwise on both sides with rose-pink. A rugged, insect-resistant plant which can be grown by anybody. Roots, \$1.50. Plants, 75c.

**Wings.** SC. Large; dark amaranth-red. A vigorous grower with dark foliage and long, erect stems. Highly recommended. Roots, \$1.50.

**Winter Carnival.** SC. Crystal-white. Stems are strong. Very popular, as it is easy to grow. Roots, \$1.50.

## Decorative Types

D., Decorative; ID., Informal Decorative; FD., Formal Decorative.

**Blue Jersey.** FD. A lavender-pink sport of Jersey's Beauty with all its growing qualities. Roots, 50c.

**Blue River.** FD. Soft phlox-purple or bluish mauve, as near to blue as we have in Dahlias. Fine bush and strong foliage. Distinctive in color and popular. Roots, 75c.

**California Idol.** ID. A clear, bright self-colored yellow that ranks in size with the largest. It may be grown to measure 14 inches or more across. Roots, 75c.

**Carl G. Dahl.** ID. Apricot-buff shaded old-rose on reverse of petals. Loose petalage with enormous blooms. Roots, \$1.00.

**Cherokee Brave.** ID. Oxblood-red that holds its color in the sun. Blooms of great depth and measure 10 to 13 inches across. Roots, \$1.00.

**Dahliamum.** ID. A very large flower of a yellow-buff and amber combination suffused gold. Petals are twisted. Roots, 75c.

## Decorative Types, continued

**Darcy Sainsbury.** FD. Very large, creamy white flowers of perfect form. Keeps well. Roots, \$1.00.

**D-Day.** FD. Very pretty bright rose-pink. Cane-like stems and a prolific bloomer. Roots, 75c.

**Flying Fortress.** ID. Soft scarlet with a lighter reverse. Artistic in form and brilliant in color. A profuse bloomer and a rugged healthy grower. Roots, \$1.00.

**Gallant Fox.** FD. An outstanding luminous dark red. Sturdy stem, fine color and good keeping qualities. Roots, 35c.

**Glamour.** ID. An unusual color combination of purple veined violet-rose. Tall, heavy grower; stiff stems. Roots, \$1.00.

**Golden Eclipse.** FD. Clear golden yellow with salmon and flesh shadings at center. Roots, 50c.

**Golden Prince.** ID. Rich blended peach, giving a bronzy effect. Most early and profuse bloomer. Roots, 75c.

**Improved Francis Larocca.** FD. Pale sulphur-yellow, very satisfactory as a cut-flower. Roots, 50c.

**Improved Gold Medal.** FD. Golden yellow shaded red. Vigorous and rugged grower. Roots, 50c.

**Jane Cowl.** ID. Massive blooms of bronzy buff and old-gold, blending darker. Roots, 50c.

**Jean Kerr.** FD. A fine white Dahlia of medium size. Roots, 35c.

**Jersey's Beauty.** FD. Blooms high above the foliage on strong stems; flowers are immense, glowing pink. Roots, 40c.

**Jersey Red Beauty.** FD. Rich deep red. Perfect form, good cut-flower. Roots, 50c.

**Jersey White Beauty.** FD. Pure white. Good keeping qualities. Roots, 50c.

**Kentucky.** ID. Pure salmon-pink, similar in habit to Jersey's Beauty. Roots, 40c.

**Kentucky Sportsman.** ID. Lemon-yellow center; outer petals golden amber with old-rose reverse, tipped pure white. Roots, 75c.

**Kentucky Sun.** FD. Clear light lemon-yellow. Large uniform blooms on strong stems. Glossy green foliage. Roots, 50c.

**King Peter.** FD. A large, white tipped lavender-pink. Roots, 75c.

**Milton J. Cross.** ID. Beautiful apricot-peach, with bright golden face. Flowers of enormous size, are held well above the foliage on long, straight, stiff stems. Roots, 50c.

**Mrs. George LeBoutellier.** ID. An exhibition variety of extra-large size and good form. Carmine-red. Roots, 50c.

**Mrs. I. de Ver Warner.** FD. A deep mauve-pink, immense flower of perfect form. Very popular. Roots, 35c.

**Mrs. James Albin.** FD. New deep yellow. Blooms are well formed, with excellent keeping qualities. Blooms freely. Roots, 50c.

**Mrs. Wm. Knudsen.** FD. A massive pure waxy white. Vigorous grower but should be planted early. Roots, 75c.

# MICHELL'S Dahlias

## POMPON DAHLIAS

Very attractive little Dahlias. The flowers have the advantage of being the smallest of the Dahlia family, making them ideal cut-flower material adaptable to use in bouquets or almost any possible kind of arrangement.

**Betty Ann.** Soft clear pink.

**Edith Mueller.** Apricot-peach.

**Little Herman.** Red and white.

**Morning Mist.** White tipped lavender.

**Rita M.** Bright red.

**Sherry.** Deep purple.

Any of the above, each 35c.

### COLLECTION Pompon Dahlias

6 Dahlias, 1 each of the six varieties listed above **\$1.75**  
(value \$2.10)

## MINIATURE DAHLIAS

Miniature Dahlias furnish blooms of the same forms as the giant types, in the same wide range of colors and are of just the right size to adapt themselves to the requirements of cut-flower arrangements.

**Andries Orange.** Bright orange. Each 50c.

**Blue Bell.** Bluish violet. Each 50c.

**Little Fireball.** Fiery red. Each 35c.

**New Roseata.** Deep rose-pink. Each 50c.

**Roxana.** Royal purple. Each 50c.

**White Fawn.** Pure white. Each 35c.

### COLLECTION Miniature Dahlias

6 Dahlias, 1 each of the six varieties listed above,

**\$2.35** (value \$2.70)

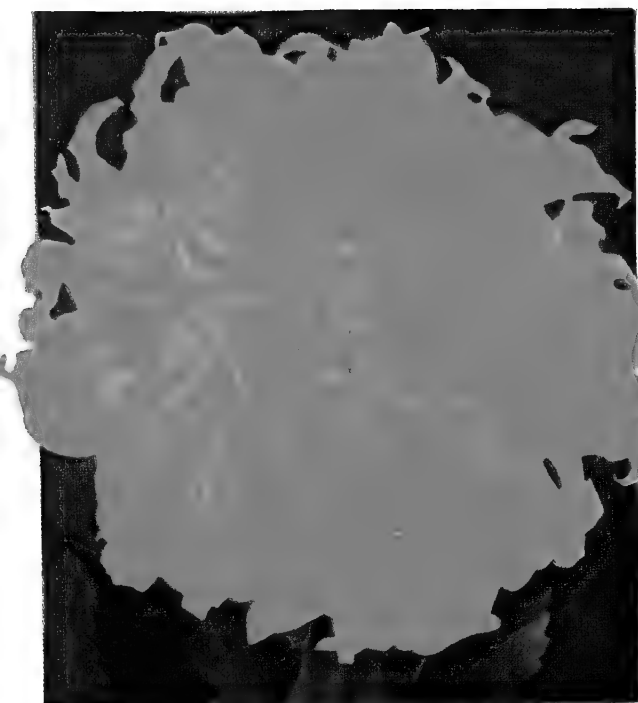


POMPON DAHLIAS



**CLARIAM KELTON. ID.** Each \$1.00

Flame-red blended with yellow and with yellow reverse. Large, very showy blooms on strong stems.



**MRS. JAMES ALBIN. FD.** Each 50c.

New deep yellow. Blooms are well formed, with excellent keeping qualities. Blooms freely.



MINIATURE DAHLIAS



# MICHELL'S MERITORIOUS DAHLIAS, continued

## Decorative Types, continued

- Murphy's Masterpiece.** ID. A deep dark red shading crimson; very large blooms. Roots, \$1.50.
- Pink Josephine.** ID. Beautiful lavender-pink. Produces large blooms on long stems. Early and prolific. Roots, \$1.00.
- Sherwood's Peach.** ID. Orange-apricot. Cane-like stems with insect-resistant foliage. Roots, 75c.
- Silver Lady.** ID. Ivory-white delicately flushed and edged violet-rose. Rugged bush; vigorous foliage. Roots, \$1.00.
- Sunrays.** ID. Color, clear buff with apricot suffusion, with a distinct peach-red on reverse of petals. Roots, \$1.00.
- Teeraween's Best.** FD. Beautiful lavender flowers on good stems. Hardy bush about 5 feet tall. Roots, \$1.00.
- The Real Glory.** FD. Pure white. Fine, well-formed flower. Good grower and root maker. Roots, \$1.50.
- Victory.** FD. Two-toned pink with no hint of lavender. Faintly overlaid with chrome-yellow. Very pleasing. Roots, 75c.
- Virginia Rute.** ID. Rich oxblood-red shaded garnet. High full centers; long strong stems. One of the best. Roots, \$1.00.
- Volcano.** FD. An orange-flame-red which holds its color in the sun. Foliage is heavy and leathery. Keeps well. Roots, \$1.00.
- White King.** FD. A good standard white. Very popular. Roots, 50c.
- White Wonder.** ID. Giant blooms of pure white with long, pointed, twisted petals. Strong stems. Roots, 50c.

## Cactus Types

- C., Cactus; SC., Semi-Cactus; IC., In-curved Cactus.
- All American.** SC. Soft carmine with orange undertone. Finely formed and easy to grow. Roots, \$1.00.
- Amelia Earhart.** SC. Apricot-buff, with salmon tints, shading to soft yellow at base of petals. Roots, \$1.25.
- Bataan.** SC. Beautiful scarlet, tipped gold; good straight stems. Very attractive and fine for cutting. Roots, \$1.00.
- Cometeer.** C. Rich golden yellow. A fine cut-flower; excellent keeper. Roots, 50c.
- Jean Trimbee.** SC. The best garden purple, a bright petunia shade. Very early. Plants tall and stems long. Roots, \$1.00.
- Jersey's Dainty.** C. A truly dainty white variety faintly tinged lavender, almost pure white late in the season. Blooms 7 inches across and 3 inches deep. Roots, 50c.
- Lady in Red.** SC. A bright velvety red. Fine form. Dark green foliage. Roots, 75c.
- Maffie.** (Exnar-Johnson.) SC. Bush 6 feet. Blooms 13 by 8 inches. Lively carmine. Roots, \$1.25.
- May Robson.** SC. An attractive soft rose-pink. Erect stems with blooms well above foliage. Roots, \$1.00.
- Marietta.** IC. Profuse bloomer with perfect stems and a good grower. Clear canary-yellow; does not burn or fade. Roots, 75c.
- Michigan White.** SC. One of the very best of the white cut-flower Dahlias. A prolific bloomer with good substance. Flowers are of medium size. Roots, 75c.
- Miss Elsie Jane.** SC. Most artistically formed blooms of shrimp-pink, with cream shadings at center, tipped violet-rose. Roots, 50c.
- Ruby King.** SC. Very deep red. Large flowering. Roots, 50c.
- Son of Satan.** SC. This is an improvement over Satan as it is a bright scarlet and has stronger stems. 11 by 5 inches. Bush 5 feet. Roots, \$1.00.
- Student Prince.** SC. A deep buttercup-yellow. Large blooms on strong stems excellent for cutting. Roots, \$1.00.
- Yellow Glory.** SC. A very large lemon-yellow with curled and twisted petals. Strong stems; dark foliage. Roots, \$1.00.

## Beauty Collection

	Roots
<b>Blue River.</b> Lavender-mauve...	\$0 75
<b>California Idol.</b> Lemon-yellow...	75
<b>Lady in Red.</b> Bright velvety red	75
<b>Michigan White.</b> Glistening white	75
<b>Pink Josephine.</b> Lavender-pink	1 00
	Value.....\$4 00
SPECIAL COLLECTION: One each of the above five varieties for	
	\$3.50

## Garden Collection

	Roots
<b>Jane Cowl.</b> Bronzy buff	\$0 50
<b>Jersey's Beauty.</b> Glowing pink	40
<b>Jersey White Beauty.</b> Pure white	50
<b>Mrs. Geo. LeBoutellier.</b> Carmine-red	50
<b>Mrs. James Albin.</b> Lemon-yellow	50
	Value.....\$2 40
SPECIAL COLLECTION: One each of the above five varieties for	
	\$2.00

## Miniature Collection

	Roots
<b>Andries Orange.</b> Bright orange	\$0 50
<b>Blue Bell.</b> Bluish violet	50
<b>Little Fireball.</b> Fiery red	35
<b>New Roseata.</b> Deep rose-pink	50
<b>Roxana.</b> Royal purple	50
<b>White Fawn.</b> Pure white	35
	Value.....\$2 70
SPECIAL COLLECTION: One each of the above six varieties for	
	\$2.35

## Pompon Collection

	Roots
<b>Betty Ann.</b> Soft clear pink	\$0 35
<b>Edith Mueller.</b> Apricot-peach	35
<b>Little Herman.</b> Red and white	35
<b>Morning Mist.</b> White tipped lavender	35
<b>Rita M.</b> Bright red	35
<b>Sherry.</b> Deep purple	35
	Value.....\$2 10
SPECIAL COLLECTION: One each of the above six varieties for	
	\$1.75

## Miscellaneous Varieties

- Open-centered flowers with only one row of ray florets, regardless of form or number of florets.
- Dahliadel Twinkle.** (Orchid.) Blooms perfect in form and of a beautiful combination of white, suffused violet-rose, with distinct Tyrian rose mottlings on the reverse of the petals. Bush rather dwarf. Roots, 50c.
- Charlotte Caldwell.** (Ball.) Bright apricot suffused coral. Uniform blooms on strong stems. Roots, 50c.
- Marshall's Gloria.** (Single.) Striking bicolor of cardinal-red with white stripe in center of each petal. Roots, 50c.
- Pequot Yellow.** (Single.) A very large clear yellow, of good habit and growth. Roots, 75c.
- Scarlet Century.** Bright, glowing scarlet on erect stems. Good grower with profuse, well-formed blooms. Roots, 50c.
- Tango.** (Single.) A lively autumn tint, cadmium-yellow, shaded scarlet-orange. Attractive. Roots, 35c.
- Temptation.** Single. Scarlet-red, almost identical to a poinsettia in color and form. Stands plenty of sunshine without burning or fading. Roots, 75c.

## Miniature Dahlias

- This class embraces small Decorative and intermediate sorts between Pompon and Ball types. They are excellent for basket arrangement or for cut-flowers.
- MD., Miniature Decorative; MFD., Miniature Formal Decorative; MID., Miniature

## Miniature Dahlias, continued

- Informal Decorative; MP., Miniature Peony-flowered.
- Andries Orange.** MSC. Bright orange. Roots, 50c.
- Baby Sagamore.** MD. Amber-yellow with a peach-red suffusion. Roots, 50c.
- Billy Boy.** MFD. Deep carmine. A fine keeper; excellent for cutting. Roots, 35c.
- Bishop of Llandaff.** MD. Bright scarlet with a deep garnet center. Foliage is lacy; of a reddish bronze color. Roots, 50c.
- Blue Bell.** MFD. Bluish violet. Roots, 50c.
- Dubonnet.** MSC. Deep oxblood-red that does not fade or burn. Roots, 50c.
- Fairy.** MFD. Soft violet-rose shading mauve at tips. Blooms early until late. Flowers uniform and keep well. Roots, 35c.
- Forest Fire, Jr.** MID. In color it is indeed a miniature forest fire. It is amber-yellow suffused and veined soft cardinal. This variety grows from the middle of August until frost. Roots, 50c.
- Grenadier.** MSC. Double, orange-red variety with beet-red foliage. Roots, 50c.
- Little Diamond.** MP. Violet-rose with sulphur-yellow shadings at center. Wonderful form and perfect stems. Roots, 50c.
- Little Fireball.** MFD. Fiery red. Roots, 35c.
- New Roseata.** MFD. Deep rose-pink. Roots, 50c.
- Raleigh.** MID. Bushes are strong and robust, and stems stiff and erect. Deep rose-pink, shaded salmon. One of the earliest and longest to bloom. Roots, 50c.
- Red Robin.** MFD. A bright scarlet in a true miniature of perfect form. Blooms are sun-resistant and do not fade or burn. Roots, 50c.
- Rosalie White.** MFD. Rose and white bicolor. Good grower, excellent for home decoration and cutting. Roots, 50c.
- Roxana.** MFD. Purple. Roots, 50c.
- Snowsprite.** MSC. Beautiful glistening white. Blooms of fine uniform shape are held well above robust plants in marked profusion. Roots, 50c.
- Suffolk.** MFD. Bright orange with blooms facing up on nice stems. A fine keeper. Roots, 35c.
- Sylvia.** MFD. Rich deep carmine. Grows well, blooms profusely and keeps well. Fine for cutting. Roots, 50c.
- White Fawn.** MFD. Pure white. Roots, 35c.

## Pompon Varieties

- A miniature form of Ball Dahlias. Very popular, used for table decorations.
- Amber Queen.** Light bronze. Free bloomer; good for cutting. Roots, 35c.
- Betty Ann.** Soft clear pink. Roots, 35c.
- Clarise.** Beautiful bright orange. Roots, 35c.
- Edith Mueller.** Apricot-peach. Roots, 35c.
- Joe Fette.** Pure white. Profuse bloomer. Roots, 35c.
- Johnny Peppin.** Dark red or maroon. A profuse bloomer; small blooms. Roots, 35c.
- Little Edith.** Gold, suffused red. Free bloomer. Excellent for cutting. Roots, 35c.
- Little Herman.** Red and white bicolor. Very striking. Roots, 35c.
- Little Snow White.** A fine new white; free flowering. Flowers of good form with strong stems. Roots, 35c.
- Mary Munns.** Fuchsia color, orchid sheen. Roots, 35c.
- Miss Alma.** A good lavender; fine grower and profuse bloomer. Roots, 35c.
- Morning Mist.** White tipped lavender, rosy lavender at center. Popular. Roots, 35c.
- Rita M.** New bright red. A little beauty that keeps well. Roots, 35c.
- Rose Wilmoth.** A deep rose-pink of medium size. Roots, 35c.
- Rothout.** Deep rich red. A favorite in any garden. Roots, 35c.
- Sherry.** A deep purple which is nearly round and very attractive. Roots, 35c.
- Snowclad.** Pure white; free bloomer. Roots, 35c.
- Yellow Gem.** Pure light yellow. Free bloomer. Long stems. Roots, 35c.



## BEANS

# VEGETABLE SEEDS

Prices quoted on Beans are prepaid in quantities up to 5 pounds to the First and Second Zones. Larger quantities shipped at purchaser's expense.

Every garden should have Beans, among the finest of all vegetables. They are appetizing, rich in vitamins, and delicious fresh, canned, or dried. Bush or Snap Beans grow quickly and yield heavily. The Pole type is the heaviest yielder over a long period.

Plant 90 pounds per acre; 2 pounds for a 100-foot row

A rich, sandy loam suits Beans to perfection. Toward the end of April, or still better, in May, sowings may be made and may be repeated every two weeks until August. Have the rows about 2 feet apart. Sow quite thinly in the row and about 2 inches deep, thinning out to stand 4 to 6 inches apart in the rows.

## MICHELL'S DWARF BEANS

HARICOTS NAINS (Fr.) BUSCHBOHNEN (Ger.)  
FAGINOLI NANI (Ital.)

### Green-podded Varieties

**Bountiful.** 53 days. Flat-podded, stringless, tender and a prolific bearer. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**Early Red Valentine.** 52 days. An extra-early variety, maturing a crop in 40 to 50 days. Pods 5 to 6 inches long, round, thick, tender, and of good quality. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**Giant Stringless.** 53 days. Vigorous grower and a great producer of large, round pods, from 5½ to 6½ inches long. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

## ASPARAGUS

ASPERGE (Fr.) SPARGEL (Ger.)  
SPARAGIO (Ital.)

Sow 5 pounds per acre for roots, or 1 ounce to 50 feet

A well-cared-for Asparagus bed improves with age and lasts for many years. It may be established from seed, but much time is saved by planting roots. Seeds should be sown thinly in early spring in rows 1 to 2 feet apart. Thin out the weakest plants so the remainder will be 4 inches apart. When one or two years old, transplant in the permanent bed in rows 3 feet apart, setting the roots 1 to 1½ feet apart, from where it can be cut three years later.

**Giant Washington.** A rust-resisting variety with long, stout, dark green spears with a rich purple tinge. Pkt. 15c.; oz. 35c.; ½lb. 90c.; ¼lb. \$1.50; lb. \$2.50.

**Paradise.** New. Commercial growers claim this to be far superior to the Washington types. Pkt. 25c.; oz. 75c.; ¼lb. \$2.25; ½lb. \$4.25; lb. \$6.00.

### Asparagus Roots

Ready about March 20 for spring planting

The two-year roots usually produce two years after planting. Our stock is especially fine in quality.

**Giant Washington.** 2-yr. roots, 25, \$1.50; 50, \$2.75; 100, \$4.00; 1000, \$30.00.

**Paradise.** 25, \$2.00; 50, \$3.50; 100, \$6.00.

ALL PRICES SUBJECT TO MARKET CHANGES

**Contender.** 54 days. A recent introduction with resistance to common Bean mosaic and powdery mildew. Pods are dark green in color, more round curved and longer than Black Valentine. Plant is moderately vigorous and hardy under adverse conditions and has shown very high yields with a wide range of adaptation. Pkt. 15c.; ½lb. 50c.; lb. 90c.; 5 lbs. \$4.00.

**Keystoneian.** 52 days. Honorable Mention, 1944 All-America Selections. Pods are 5 to 6½ inches long, round, straight, stringless and of superb quality, making it suitable for canning, freezing, and home use. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**Longgreen.** 52 days. This new variety is an improved strain of the popular Tendergreen Bean, the pods average an inch longer and it is a heavier producer. They are the same attractive type—round, stringless and fiberless. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**Masterpiece.** 50 to 55 days. The leader among early greenhouse forcing varieties. Pods 7 x ¾ x ¼ inch. Light silvery green, straight, flat, almost entirely stringless and fiberless. Fine texture. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

**Ranger.** 56 days. Bronze Medal, 1947 All-America Selections. An entirely new variety distinguished by its unusual habit of growth, disease resistance and high yield. Plant is of Refugee type, vigorous and prolific, resistant to common mosaic and downy mildew. Pods are silvery green, round, straight and stringless, largely concentrated in the crown of the plant. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**Rival.** 53 days. A very high-quality, prolific strain developed by the U. S. Department of Agriculture. It is resistant to most of the common Bean diseases. Pods are 6½ inches long, round, straight, thick and meaty. Pkt. 15c.; ½lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

**Stringless Black Valentine.** 49 days. An improvement over the old strain of Black Valentine. Pods long and slender, semi-round, and stringless. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**Stringless Green-Pod.** 50 days. Round-podded sort that is early, prolific, and a continuous bearer. Pods 5 to 6 inches long, very meaty. Even when the pods become quite old they retain their stringless qualities. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**Supergreen.** 58 days. Bronze Medal, 1948 All-America Selections. Compared with Tendergreen the pods are longer and more slender, 6½ to 7 inches long, slim, smooth, dark green and stringless. Plants are upright with fairly concentrated pod set. Pkt. 15c.; ½lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

### Green-podded Beans, continued

**Tendergreen.** 52 days. An early stringless variety with round pods at least 6 inches long. Ready for use 52 days after sowing. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**Topcrop.** 50 days. Gold Medal, 1950 All-America Selections. The most prolific high-quality Bean to be developed by the U. S. Department of Agriculture. It is immune to common Bean mosaic and other diseases. The vigorous plants grow 16 inches high with 23-inch spread, well branched, with large leaves. The slender, medium green pods are 5½ to 6 inches long, straight, round, smooth, entirely stringless and without fiber. An excellent variety for the home gardener. Pkt. 20c.; ½lb. 50c.; lb. 90c.; 5 lbs. \$4.00.

### Yellow-podded Varieties

**Cherokee (Valentine Wax).** 50 days. A new wax variety developed by the U. S. Department of Agriculture for its excellent productivity, quality and tolerance to Bean diseases. Plant is large and erect. The oval-shaped pods are 6 inches long, bright golden-yellow, tender and stringless at all stages. Pkt. 15c.; ½lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

### Improved Rustproof Golden Wax.

Rust-resistant. 51 days. Vigorous grower. One of the best of the Wax Beans. Pods flat, medium length, good quality. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**Pencil-Pod Black Wax.** 55 days. A round-podded, hardy, very early sort that is entirely stringless. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**Round-Podded Kidney Wax.** 58 days. Rust-resistant. Vigorous grower with fleshy, stringless pods. Pkt. 15c.; ½lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

**Sure-Crop Stringless Wax.** 53 days. Very productive, hardy and may be planted early. Long, thick, flat pods of excellent quality. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

### Dwarf Varieties of Shell Beans

#### FOR WINTER USE

These are always useful for soups, baked beans, etc. They can be used in the green state, like other sorts, when picked very young. Plant when ground is warm in spring and up to July 1, in rows 2 feet apart, Beans 3 inches apart in the row.

**Boston Navy or Pea.** 93 days. Snowy white variety of small size. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**Long-Pod Broad or Fava.** 75 days. An English Bean used in the dry state, shelled. Plant in rows about 3 feet apart, 8 inches apart in the row. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**French Dwarf Horticultural.** 54 days. One of the best early Shell Beans. Thick, flat, stringless pods colored red and green; Beans large, round, and speckled. Pkt. 15c.; ½lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

**Red Kidney.** 95 days. Pods long, kidney-shaped, light red. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**White Marrow.** 100 days. Larger than Boston Navy Bean and extensively planted for shelling for winter or for using in the green state. Pkt. 15c.; ½lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

## POLE or RUNNING BEANS

One pound of seed will plant 150 to 200 hills; about 20 pounds, an acre

**HARICOTS A RAMES (Fr.) FAGIUOLI (Ital.) STANGENBOHNEN (Ger.)**

When all danger of frost or cold nights is over, plant in hills 4 feet apart each way, about 4 or 5 Beans to the hill, eyes downward, and when up and established, thin out to 3 plants in a hill. One planting usually lasts for the season.

### Green-podded Varieties

**Decatur.** 60 days. Silver Medal. Widely recommended for the garden and wherever Pole Beans grow. It is stringless, resistant to Bean rust, and of the early type. One of the heaviest bearers of them all. Pkt. 15c.;  $\frac{1}{2}$  lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

**Horticultural or Speckled Cranberry.** 70 days. Long, pale green pods, which become streaked with red when mature. Pkt. 15c.;  $\frac{1}{2}$  lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

#### Kentucky Wonder or Old Homestead.

65 days. A tremendous yielder of long, round, tender and practically stringless pods. Ready for picking about 85 days from planting. Pkt. 15c.;  $\frac{1}{2}$  lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

#### Yard-Long or Giant-podded Asparagus.

72 days. Produces an enormous crop of pods 2 feet or more in length, tender and of excellent quality. Pkt. 15c.;  $\frac{1}{2}$  lb. 40c.; lb. 75c.; 5 lbs. \$3.50.

### Yellow-podded Variety

**Kentucky Wonder Wax.** 65 days. A very prolific sort, producing long, thick, almost straight pods which are of a light yellow color and of excellent quality. Pkt. 15c.;  $\frac{1}{2}$  lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

## LIMA BEANS

**HARICOTS A RAMES (Fr.) STANGENBOHNEN (Ger.) FAGIUOLI DI LIMA (Ital.)**

*Prices quoted on Beans are prepaid in quantities up to 5 pounds to the First and Second Zones. Larger quantities shipped at purchaser's expense.*

### Pole Varieties

Two pounds will plant 100 hills; 25 to 30 pounds, an acre

Plant when all danger of frost or cold nights is over, with the eye of the Bean down. Put a liberal number in a hill, as this is cheaper than replanting. When up and established, thin out to 3 or 4 plants in a hill. The poles should be set as soon as the garden is made, in rows about 3 feet apart with the poles about 3 feet apart in the row. It is a good plan to put a small shovelful of well-rotted cow-manure in each hill when the poles are set, so the Beans, when started, will make rapid growth and mature early.

**Carpinteria.** 88 days. Retains its green color in all stages of growth, even after being dried, and combines wonderful prolificness, flavor, and size. A good early variety with 4 or 5 Beans in a pod. Pkt. 15c.;  $\frac{1}{2}$  lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

### GARDEN BOOK

By Vernon Hayes Davis. 241 pages. \$1.25.

ALL PRICES SUBJECT TO MARKET CHANGES

### Lima Beans, continued

**Challenger or Dreer's Improved.** 92 days. Although somewhat smaller than other Limas, it is very early, prolific and of delicious flavor. Pkt. 15c.;  $\frac{1}{2}$  lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**Giant-podded.** 90 days. Heavy, stocky vine well filled with clusters of gigantic pods. Nice-sized white Beans. Pkt. 15c.;  $\frac{1}{2}$  lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**King of the Garden.** 88 days. An old-time favorite. Sturdy grower, exceedingly productive and of good flavor. Pkt. 15c.;  $\frac{1}{2}$  lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

**Large Evergreen.** 88 days. A large, green-seeded variety. Good climber, vigorous and productive. Excellent for garden use and as a large-seeded dry Lima. Pkt. 15c.;  $\frac{1}{2}$  lb. 45c.; lb. 80c.; 5 lbs. \$3.50.

**Carolina or Sieva.** 77 days. Produces small flat Beans of fine quality. Heavy yielder. Pkt. 15c.;  $\frac{1}{2}$  lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

### Bush or Dwarf Lima Beans

One pound will plant 50 feet of row

Bush Limas should be planted for early crops, as they come into bearing much sooner than the pole varieties. Plant in rows about 30 inches apart, spacing them 4 inches apart in the row and covering to the depth of  $1\frac{1}{2}$  inches.

**Cangreen.** 66 days. Green-seeded Lima notable for the green color of the fleshy part of the seed in the dry stage, making it very attractive for canning. Highly recommended for freezing preservation. Pkt. 15c.;  $\frac{1}{2}$  lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**Baby Fordhook.** 72 days. Plant small but branchy and vigorous; pods very numerous, tightly filled with 3 or 4 small plump seeds of high quality. Pkt. 15c.;  $\frac{1}{2}$  lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**Burpee's Improved.** 77 days. A great improvement over the old strain of Burpee's Bush Lima. The Bean is thicker, sweeter, and the bush more prolific. Pkt. 15c.;  $\frac{1}{2}$  lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

**Fordhook 242.** Bronze Medal, 1944 All-America Selections. The outstanding characteristic of 242 is its greater productivity, particularly under adverse conditions. It does much better in hot and humid weather than any other Fordhook type. The curved pods are uniform in size, with 3 to 4 thick-seeded Beans of excellent quality and flavor. The plant is as tall as the regular Fordhook but wider spreading and with more foliage. It is the heaviest yielder of the large bush Limas. Pkt. 15c.;  $\frac{1}{2}$  lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**Fordhook.** 75 days. Distinct, upright, vigorous growth; pods borne in clusters well above the ground and frequently contain 4 thick, luscious Beans. Matures early and continues in bearing until frost. Pkt. 15c.;  $\frac{1}{2}$  lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**Henderson's.** 67 days. Dwarf, compact-growing variety; large clusters of pods containing very small, flat Beans. Pkt. 15c.;  $\frac{1}{2}$  lb. 35c.; lb. 60c.; 5 lbs. \$2.75.

**Triumph.** 70 days. Silver Medal, All-America Selections. A new high-quality Baby Lima producing small, thick, flat, light green seeds of delicious flavor. A heavy yielder recommended for table use and freezing. Pkt. 20c.;  $\frac{1}{2}$  lb. 50c.; lb. 90c.; 5 lbs. \$4.00.

If you want your Bean-patch to yield earlier and better, inoculate the seed before planting with LEGUME-AID. When ordering, be sure to specify if wanted for garden Beans, as each leguminous crop requires a separate culture. See page 93.

**CEDAR BEAN-POLES (Pointed).** Extra-selected quality, about 10 feet long. 12 for \$3.50; 25 for \$6.50; 50 for \$12.00; 100 for \$22.00.

### Edible Soy Beans

**Bansel.** 95 days. An early home-garden variety fine for green shelling, not susceptible to shattering. They are a delectable vegetable, either green or dry, and well worth adding to your garden. Soy Beans can be cooked and served similar to Lima Beans. They are prolific and highly resistant to disease and insects. Pkt. 10c.;  $\frac{1}{2}$  lb. 30c.; lb. 50c.; 5 lbs. \$2.20.

## MICHELL'S CHOICE BEET SEED

**BETTERAVE (Fr.) SALATRUBE (Ger.) BARBABIETOLA (Ital.)**

One ounce will sow a row 50 feet long; 5 pounds, an acre

Beets are tasty, a pleasing addition to your menu. The Beet tops can also be used, having an unusually high food-value, being rich in Vitamins A and C, with a goodly percentage of calcium and iron.

Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough, thin to stand 4 inches apart in the row. For an early crop in hotbed sow the seed in early March, while for a winter supply sow about July 10 outdoors.

**Crimson Globe.** 56 days. Rich deep red Beets, almost round, with a distinct delicious flavor, and very tender. Pkt. 15c.; oz. 40c.;  $\frac{1}{4}$  lb. \$1.10; lb. \$3.50.

**Crosby's Egyptian, Special Strain.** 51 days. A special selection of the usual strain and repeated tests have proved it to be a darker red and much earlier. Pkt. 15c.; oz. 40c.;  $\frac{1}{4}$  lb. \$1.10; lb. \$3.50.

**Crosby's Egyptian. Usual Strain.** 51 days. Especially desirable on account of its rich blood-red color throughout. Early, and one of the best table Beets. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$  lb. 85c.; lb. \$2.50.

#### Detroit Dark Red, Michell's Special Strain.

56 days. Carefully reselected seed from the choicest, most uniform roots. Found superior to the usual type of Detroit Beet. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$  lb. \$1.45.

**Detroit Dark Red. Usual Strain.** 56 days. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$  lb. 90c.; lb. \$3.00.

**Early Wonder.** 58 days. Extra-early, globe-shaped, with deep blood-red, tender flesh. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$  lb. 85c.; lb. \$2.50.

**Winter Keeper.** 78 days. Top-shaped Beet with rich red, tender, sweet flesh. One of the best winter varieties. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$  lb. 95c.; lb. \$3.00.

### Mangel-Wurzel

Sow 5 pounds per acre during April and May, in thoroughly plowed, well-manured soil, in drills about 2 feet apart, and thin out to 1 foot apart in the row. Keep the weeds down by frequent hoeing and cultivating. Low ground is best for Mangel-Wurzels.

**Golden Tankard.** 102 days. The best long yellow Mangel. Matures earlier than other large sorts. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.; lb. \$2.20.

**Lane's Improved White Sugar.** 100 days. Attains an enormous size, growing considerably above the ground. One of the best for stock-feeding. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.; lb. \$2.20.

**Mammoth Long Red.** 110 days. An enormously productive variety, yielding from 50 to 75 tons to the acre, a single root often weighing from 20 to 40 pounds. The best long red Mangel. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.65.

## SWISS CHARD

### Spinach Beet

POIRE (Fr.) BEISSKOHL (Ger.)  
BIETA (Ital.)

One ounce will sow a row about 50 feet long

Can be used in five weeks after sowing, and is a continuous crop until killed by frost. Cultivated for the leaves which are used for greens; the outer leaves only should be carefully pulled from the plant and the foliage part separated from the rib in preparing to cook. Chard is served like spinach which it resembles in taste; the ribs when boiled and served with melted butter are the equal of the finest asparagus.

**Dark Green Curled.** 55 days. Large, dark green leaves with silvery white stems, tender and of fine flavor. Pkt. 15c.; oz. 25c.; ¼lb. 75c.

**Giant Lucullus.** 50 days. Very tall-growing, with crinkly leaves often 2 feet long. Beautiful ornamental plant for any garden. Pkt. 15c.; oz. 25c.; ¼lb. 75c.

**Fordhook Giant.** 55 days. A recent introduction of real merit. The leaf is dark green, heavily crumpled as in Lucullus. Midrib is wide and thick, with a good white color. The plant is strong, sturdy and a good grower. Pkt. 15c.; oz. 25c.; ¼lb. 75c.

**Swiss Chard Rhubarb.** 60 days. A delicious Chard having a bright rich crimson leaf-stalk that resembles rhubarb, and dark green crumpled leaves, veined with crimson. Pkt. 15c.; oz. 45c.; ¼lb. \$1.25.

**Perpetual or Spinach Beet.** 50 days. A leaf Beet similar to Swiss Chard. Leaves are green, with small midrib. Quick growing, producing an abundance of greens over a long period. Pkt. 15c.; oz. 35c.; ¼lb. 90c.; lb. \$2.60.

## BROCCOLI

BROCCOLI (Fr.) SPARKELKOHL (Ger.)  
BROCOLI (Ital.)

One ounce will produce 3000 plants

Resembles cauliflower and often grown where the latter does not thrive. Culture is similar.

**De Cicco.** 60 days. An extremely early strain producing large heads ten days ahead of Early Green Sprouting. Excellent for bunching or freezing. Plants medium tall, light green and very productive. Pkt. 20c.; ½oz. 50c.; oz. 85c.; ¼lb. \$2.50.

**Early Green Calabrese.** 70 days. The standard variety for home or market garden. The plant is tall, with central head and numerous side sprouts. When the central head is cut, the side sprouts shoot out small clusters that continue to furnish heads over a long season. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$1.75.

**Rapa or 40-Day.** A very early type of sprouting Broccoli producing many small heads. The seed is usually broadcast thickly. Cut when about 10 to 12 inches high, just before the heads burst into bloom. Suitable for early spring or fall sowing. Makes very fine greens. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.25.

## BORAGE

An herb whose leaves are used as a salad. Pkt. 15c.; ½oz. 60c.; ½oz. \$1.00; oz. \$1.50.

**LAGS RABBIT CHASER.** Spray on plants and vegetables to repel rabbits. Will not burn or harm plants or rabbits. 4-oz. bottle with directions, 50c.

## BRUSSELS SPROUTS

CHOU DE BRUXELLES (Fr.) ROSEKOHLE (Ger.)  
BERZA DE BRUSSELS (Ital.)

One ounce will produce about 3000 plants

Sow seed about May 15 and transplant when about 4 inches high, in rows 3 feet apart, 2 feet apart in the row. When heads begin to crowd, the lower leaves should be broken from the stem of the plant to give them plenty of room. Best for cooking after slight frost.

**Mammoth Fancy.** 90 days. We have an exceptionally fine strain of these Sprouts. Compact, dwarf type, having stems covered with fancy, solid Sprouts. Pkt. 25c.; ½oz. \$1.25; oz. \$2.00.

**Long Island Improved.** 90 days. Compact heads. Very productive. Pkt. 15c.; ½oz. 50c.; oz. 90c.

**Matchless Improved.** 90 days. Pkt. 25c.; ½oz. \$1.25; oz. \$2.00.

## MICHELL'S CHOICE CABBAGE SEED

CHOU POMME (Fr.) KOPF KOHL (Ger.) CAVOLO CAPPUCIO (Ital.)

One ounce will produce about 3000 plants; 4 ounces, enough for an acre

Our strains, the very best to be had, are selected from specimen heads in well-rogued fields. Sow seed of the early varieties in February in hotbeds and transplant, the latter part of April or early in May, to open ground, or an early sowing can be made in open ground as soon as weather permits. Set plants in rows 2 feet apart and 1 to 1½ feet apart in the row. Sow second-early varieties in April and transplant in May; late varieties in May and transplant in July, setting plants in rows 3 feet apart and 2 feet apart in rows. Never plant Cabbage in the same location two years in succession.

### Hybrid Cabbage

**O-S Cross.** Honorable Mention, All-America Selections, 1951. Exceptional uniformity in size and maturity, with heavy yield are the outstanding characteristics of this first-generation hybrid Cabbage. Heads are early, large and flat, weighing 8 to 10 pounds; solid and of good color. Plants are short stemmed, large and vigorous. Pkt. 35c.; ½oz. \$1.75.

### Early Cabbage

**Allhead.** 78 days. The largest of the early Cabbages. Head roundish flat and remarkably solid; excellent for winter as well as early spring. Pkt. 15c.; ½oz. 30c.; oz. 55c.; ¼lb. \$1.65.

**Charleston or Large Wakefield.** 74 days. Similar to Extra-Early Jersey Wakefield, but the heads are more blunt, grow almost twice the size, and mature one week later. Pkt. 10c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.50.

**Copenhagen Market.** 69 days. An early, round-headed variety, following Golden Acre. The heads frequently weigh as much as 10 pounds. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$1.75.

**Early Flat Dutch.** 73 days. A dependable early variety, splendid for home or market garden. Plants are small and compact, with ball-shaped head. Pkt. 15c.; ½oz. 30c.; oz. 55c.; ¼lb. \$1.50.

**Extra-Early Jersey Wakefield.** 63 days. Uniform, pointed heads. Outer leaves form a protection for the heads, permitting it to be set out earlier than other sorts. Pkt. 10c.; ½oz. 30c.; oz. 55c.; ¼lb. \$1.50.

**Golden Acre.** 64 days. Dwarf plants and round, solid, uniform heads, averaging 3 pounds in weight. Has few outer leaves, making it suitable for close planting. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

**Red Acre.** 70 days. The earliest red Cabbage, uniform in color, size and maturity. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.25.

## CARAWAY

Herb used for flavoring, etc. Pkt. 15c.; ½oz. 50c.; oz. 90c.

### Chinese or Celery Cabbage

A native of China and distinct from other Cabbage. It grows like Romaine lettuce, and makes a tasty salad, having a delightful flavor. Seed should be sown the latter part of July, in rows 2½ feet apart, and the plants thinned out to 18 to 20 inches in the rows; if sown too early the heat causes it to run to seed. The heads mature in 8 to 10 weeks.

**Chihili** (Improved Pekin). 75 days. Early and dependable in heading. Head 3 to 4 inches thick, tapered at tip, solid, blanches well, sweet and tender. A superior variety. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.25.

**Wong-Bok.** 85 days. Does not grow as tall as Pe-Tsai, but is thicker through. Heads are elongated, self-folding, and require no blanching. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.25.

### Yellows-Resistant Varieties

These are highly recommended to yield satisfactory crops where other varieties fail because of Wilt or "Yellows."

**Wisconsin All-Seasons.** 90 days. Selected from All-Seasons. Late drumhead variety showing great resistance to mosaic disease and yellows. It is exceptionally hardy and will withstand drought and insects unusually well. Very heavy yield. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

**Bugner.** 100 days. One of the most popular of the green type of yellows-resistant Cabbage. Very large, slightly flattened, globe-shaped head weighing 8 to 10 pounds. Very high yielding and a good keeper. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.65.

**Detroit.** 68 days. Similar to Golden Acre except slightly larger plant growth and not quite as uniform. Heads are round and solid; interior white and of good quality. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

**Golden Acre Resistant.** 64 days. Similar to regular Golden Acre. Very desirable for planting on yellows-infested soil. Pkt. 15c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.70.

**Wisconsin Ballhead.** 85 days. A yellows-resistant strain selected from Danish Ballhead, practically identical in type and season. Round, solid, compact head with short stem and blue-green foliage. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.65.

**Wisconsin Copenhagen.** 62 days. This is our latest introduction of early round resistant strain. It matures very evenly and will withstand adverse weather conditions better than most early varieties. Foliage blue-green; plants 10 to 12 inches tall. Weight 4½-5 lbs. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.65.

**Jersey Queen.** 66 days. The first of the resistant types to mature. In type and earliness similar to Jersey Wakefield. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$1.75.

**Marion Market.** 79 days. A very large, round head; early, solid and of fine quality. Pkt. 15c.; ½oz. 35c.; oz. 65c.; ¼lb. \$1.95.

**Wisconsin (Hollander).** 105 days. A splendid late variety. Attractive, large, globular heads; very solid, weighing from 8 to 10 pounds. Splendid for winter and an excellent variety for kraut. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

**Red Hollander.** 100 days. A uniform round head, late, purple-red Cabbage. Solid and compact from formation to maturity. Highly resistant to the yellows. Pkt. 20c.; ½oz. 60c.; oz. \$1.00; ¼lb. \$2.95.



## Late or Winter Varieties

**Danish Ballhead.** Dwarf Stem. Unequaled for massiveness, weight, and keeping qualities. It is crisp, tender, and sweet. Does well under almost any condition of moisture or drought. Pkt. 10c.; ½oz. 35c.; oz. 60c.; ¼lb. \$2.00.

**Late Flat Dutch.** 100 days. This seed has been selected especially for our trade from the finest type of heads, chosen for solidity and uniformity. Large heads of unsurpassed quality. Pkt. 10c.; ½oz. 25c.; oz. 45c.; ¼lb. \$1.50.

**Mammoth Red Rock.** 100 days. Good winter keeper. Heads globe-shaped, slightly flattened, and very hard. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

**Perfection Drumhead Savoy.** 90 days. A beautiful crimped-leaved sort with almost round, deep glossy green heads. Savoy Cabbage is distinctly flavored, being much sweeter than the other kinds. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. \$2.40.

**Penn State Ballhead.** 105 days. Exceptionally hard, flattened globe heads 6 to 7 inches deep. Very good for winter storage and kraut. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.10.

## MICHELL'S CHOICE CARROT SEED

CAROTTE (Fr.) MOHRRUBE (Ger.)  
CAROTA (Ital.)

One ounce will sow 100 feet of drill;  
3 to 4 pounds, an acre

For an early crop, sow as soon as danger from frost is over, in rows 1 foot apart; when 2 inches high, thin out to stand 2 inches apart in the row. For a late crop, sow in May or June.

**California Bunching.** 77 days. The roots at full maturity are almost cylindrical, 1 to 1½ inches in diameter, about 8 inches long, smooth, and free from side shoots. Red flesh of fine quality. Pkt. 15c.; ½oz. 30c.; oz. 45c.; ¼lb. \$1.25; lb. \$3.50.

### Chantenay Half-Long, Special Strain.

72 days. Selected for earliness and uniformity, its tenderness and fine flavor have proved it a superior stock. A stump-rooted, orange-scarlet variety, 5 inches long, with tender, fine-grained flesh. Especially desirable for market or home use. Pkt. 15c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.35; lb. \$3.75.

**Chantenay Half-Long. Usual Strain.** 72 days. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

**Coreless or Nantes Half-Long.** 70 days. One of the finest medium-sized sorts. Roots blunt-pointed, smooth, bright orange, and of excellent quality. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$1.75; lb. \$5.25.

**Danvers Half-Long.** 75 days. The best for general-crop variety; a heavy yielder and excellent keeper. It is stump-rooted, 6 to 7 inches long, and rich orange. Pkt. 15c.; ½oz. 30c.; oz. 45c.; ¼lb. \$1.25; lb. \$3.75.

**Early Scarlet Horn.** 64 days. A favorite early red variety. Stump-rooted, about 6 inches long; flesh fine-grained and of good flavor. Ideal for soups. Pkt. 15c.; ½oz. 35c.; oz. 55c.; ¼lb. \$1.75.

**Guerande or Oxheart.** 72 days. A desirable variety on soils too hard and stiff for the longer-growing sorts, as it is not over 3 to 4 inches long. Flesh rich orange, of fine flavor. Pkt. 15c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.50; lb. \$4.50.

**Imperator.** 77 days. The roots are 7 to 8 inches long, tapering gradually toward the tip. The fine-grained deep orange flesh is exceptionally mild and of sweet flavor. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$1.75; lb. \$5.25.

**Improved Long Orange.** 88 days. Deep orange, 10 inches long. Yields heavily. Fair table quality; best for stock-feeding. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

**Tendersweet.** 75 days. A most tender, sweet and delicately flavored Carrot. The roots are large, smooth and taper to a blunt end. The color is a deep orange-red with indistinct core. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$1.75; lb. \$5.50.

## CAULIFLOWER

CHOU-FLEUR (Fr.) BLUMENKOHLE (Ger.)  
CAVOL FIORE (Ital.)

One ounce will produce about 3000 plants

Sow seed in hotbeds or window-boxes, in February or March, and transplant in cold-frames. When hard frosts are over, plant outdoors. For second crop, sow in April and set out in May; for late crop, sow in June and set out in July. Plants should be set in rows 3 feet apart, 2 feet apart in the row.

**Danish Giant or Dry Weather.** 67 days. An ideal variety for summer use, as it stands drought and heat better than other sorts. Enormous snow-white heads. Later than other varieties. Pkt. 25c.; ½oz. 60c.; ¼oz. \$1.00; ½oz. \$1.85; oz. \$3.50.

**Early Snowball.** 54 days. Fine for either forcing under glass in coldframes or outdoor spring planting. Magnificent, medium-sized, white heads. Pkt. 25c.; ½oz. 60c.; ¼oz. 95c.; ½oz. \$1.75; oz. \$3.25.

**New White Wonder.** 55 days. An improved strain developed and bred for the critical grower. Good-sized, very solid heads, fine-grained, pure snowy white which does not turn yellow, even in the bright sunlight. Pkt. 25c.; ½oz. 75c.; ¼oz. \$1.40; ½oz. \$2.50; oz. \$4.50.

**Snowdrift.** 55 days. One of the best varieties for shipping long distances. Plant of medium height with upstanding, medium green outer leaves. Head slightly larger than Snowball, firm, solid, very white, well protected by inner folding leaves; curd has fine texture and is free from small protruding leaves. Pkt. 25c.; ½oz. 60c.; ¼oz. \$1.00; ½oz. \$1.85; oz. \$3.50.

**Super Snowball.** 55 days. A highly desirable main-crop variety; also used for early planting. Starts heading early and uniformly. Heads medium large, compact, very white. Much used by produce growers and shippers. Pkt. 25c.; ½oz. 75c.; ¼oz. \$1.40; ½oz. \$2.50; oz. \$4.50.

**Velch's Autumn Giant.** 85 days. A very desirable, large, late variety. Pkt. 20c.; ½oz. 50c.; ¼oz. 90c.; ½oz. \$1.65; oz. \$3.00.

**Cauliflower Broccoli, Pearl Type, November.** This variety is very similar to the late-maturing Cauliflower. Under proper conditions seed sown in June will produce large white heads in November. Pkt. 25c.; ½oz. 75c.; ¼oz. \$1.40; ½oz. \$2.50.

## CARDOON

**Large Smooth.** 180 days. Grown for the fleshy leaf-stalks or midribs. Plants grow about 3 feet tall; grayish green color. Leaves may be tied to hasten blanching. Pkt. 15c.; ½oz. 40c.; oz. 75c.

## CATNIP (Herb)

For making tea; a cat tonic, etc. Leaves and young shoots used for seasoning. Pkt. 15c.; ½oz. 75c.; ½oz. \$1.25; oz. \$2.00.

## CELERY

CELERI (Fr.) SELLERIE (Ger.)  
SEDANO (Ital.)

One ounce will produce 3000 to 5000 plants;  
½ pound will sow an acre

Sow in hotbeds in March, or in open ground in April. See that no weeds infest the seedbed. When 3 inches high, transplant in a bed outdoors in rows 3 inches apart each way; let them remain there until July, when they should be planted where they are to mature, in rows 3 feet apart, 6 inches apart in the row. Celery plants, if topped a few times, before and when transplanted into their permanent growing place, will make shorter, stockier plants.

Seeds offered on this page mailed  
postpaid at quoted prices

**Super Fullheart.** 98 days. During our search for the best, we found this strain of Easy-Blanching or Fullheart to be unsurpassed. Medium tall, compact, heavy, firm and crisp stalks. Excellent for hearts. Show considerable resistance to heart and root rot and blight. Pkt. 25c.; ½oz. 75c.; ¼oz. \$1.25; oz. \$2.25; ¼lb. \$7.25.

**Super Plume.** 114 days. Like all our Super Strains of Celery, this is the result of years of careful and rigid selection. Will grow 24 to 26 inches tall, with heavy, stringless, crisp, superbly flavored, 9-inch stems. Withstands blight and other diseases far better than most strains. Pkt. 25c.; ½oz. 75c.; ¼oz. \$1.25; oz. \$2.25; ¼lb. \$7.25.

**Super Pascal.** 137 days. This is by far the finest strain of Pascal Celery obtainable. Resistant to blight. Much heavier stalk than Giant Pascal. Stems entirely stringless. Stalks 22 to 24 inches tall. Pkt. 25c.; ½oz. 75c.; ¼oz. \$1.25; oz. \$2.25; ¼lb. \$7.25.

**Summer Pascal.** 110 days. An early-maturing green Celery of superior quality that blanches to a pure white. The stems to first joint are 8 to 9 inches long. Pkt. 25c.; ½oz. 60c.; ¼oz. 95c.; oz. \$1.75.

**Cornell No. 19.** 100 days. An early, easy-blanching strain highly resistant to fusarium wilt. A cross combining the fine qualities of the Pascal type with the color and earliness of Golden Self-blanching. Plants are 24 to 25 inches in height. Stems are thick, rounded and of smooth texture, 10½ to 11 inches to joint. Pkt. 25c.; ½oz. 50c.; ¼oz. 85c.; oz. \$1.65.

**Easy-blanching.** 110 days. Usual Strain. An excellent early variety, being ready in October. Enormous, very crisp stalks. Pkt. 15c.; ½oz. 65c.; oz. \$1.25; ¼lb. \$3.75.

**Emperor.** 126 days. Dwarf-growing, very brittle, and of extra-fine flavor. A good winter keeper. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$3.00.

**Golden Plume.** 115 days. Usual Strain. Matures early and blanches quickly. Crisp, tender, stringless stalks of finest flavor. Pkt. 15c.; ½oz. 75c.; oz. \$1.25; ¼lb. \$3.75.

**Golden Self-blanching.** 114 days. The beautiful golden stalks attain a height of 1½ feet, are never pithy, and of excellent flavor. Ready in October, but may be kept for early winter use. Pkt. 15c.; ½oz. 75c.; oz. \$1.25; ¼lb. \$3.75.

**Giant Pascal.** 138 days. Thick, meaty, tender stalks of unsurpassed flavor. One of the best because of its long season, being fit for use in October and keeps well into spring. Pkt. 10c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

ALL PRICES SUBJECT TO MARKET  
CHANGES

## CELERY, continued

**Winter Queen.** 132 days. A medium tall, solid variety that lasts through the winter. The heart is very full and large. Pkt. 15c.;  $\frac{1}{2}$ oz. 65c.; oz. \$1.25;  $\frac{1}{4}$ lb. \$3.75.

## CELERIAC

This is a two-purpose vegetable; the leaves are cut when young and used to flavor soups and meats; the roots are boiled, sliced, cooled, and served as a salad.

**Giant Prague.** 112 days. Pkt. 15c.;  $\frac{1}{2}$ oz. 50c.; oz. 90c.;  $\frac{1}{4}$ lb. \$3.00.

## Celery for Flavoring

Not for sowing.  $\frac{1}{4}$ lb. 75c.

## CHERVIL

One ounce of seed will sow a row about 100 feet long.

90 days. A pungent, aromatic plant used for garnishing and seasoning. Leaves are brilliant green, finely cut and curled, giving the appearance of parsley. Seed germinates slowly. Pkt. 10c.;  $\frac{1}{2}$ oz. 30c.; oz. 50c.

## CHIVES - Schnittlauch

Indispensable for flavoring certain dishes, imparting a mild taste of onion. The plants are hardy and will last for years. For winter use, lift and plant in a pot or box and place in a sunny window in the kitchen.

**Seed.** Pkt. 15c.;  $\frac{1}{4}$ oz. 55c.;  $\frac{1}{2}$ oz. \$1.00; oz. \$1.75.

## CHICORY

One ounce will sow a row 100 feet long

**Magdeburg.** 120 days. The long, smooth white roots are used as a substitute for coffee when roasted and ground. Leaves may be used for salad. Pkt. 15c.;  $\frac{1}{2}$ oz. 40c.; oz. 65c.

**Witloof or French Endive.** 145 days. The roots are easily produced from seed, sown in May or June, in rows 1 foot apart; thin out the plants to 2 to 3 inches. They are taken up after a few hard frosts and only the top part used as a winter vegetable. Plant under a bench in the greenhouse or a light, dry, warm portion of a cellar in a bed of rich garden soil 1 foot deep. Place about 6 inches apart each way. The top growth remains intact, and may be cut any time after 5 inches of growth. Roots should be set in the soil the same depth as they were originally in the garden. Pkt. 15c.;  $\frac{1}{2}$ oz. 45c.; oz. 80c.;  $\frac{1}{4}$ lb. \$2.50.

## COLLARDS

One ounce of seed will produce 3000 plants

Extensively grown in the South and used as "greens" in winter. There the plant is practically hardy. The lower leaves are used; new ones then form on the upper stem.

**Georgia or Southern.** 75 days. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.; lb. \$2.25.

**Cabbaging.** 70 days. A rich, tasty "green," long grown in the South, rapidly gaining in popularity in the North. Medium tall with clusters of loose-folding, tender leaves which can be picked as needed. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.; lb. \$2.25.

## CORN SALAD - Feticus

MACHE RONDE (Fr.) ACKERSALAT (Ger.)

Principally sown for a supply of greens during winter and early spring. Sow thinly in drills, early in spring or fall. When cold weather comes, cover with a litter of straw.

**Large-leaved.** Pkt. 15c.;  $\frac{1}{2}$ oz. 40c.; oz. 75c.

## CORIANDER

Herb used for flavoring, etc. Pkt. 15c.;  $\frac{1}{2}$ oz. 30c.; oz. 50c.

ALL PRICES SUBJECT TO MARKET CHANGES

# MICHELL'S SELECTED SWEET SUGAR CORN

MAIS (Fr.)

MAIS (Ger.)

GRANO TURCO (Ital.)

One pound will plant about 150 hills;  
12 to 15 pounds, an acre

Plant once a week from the time the ground is permanently warm until July 15, 6 to 8 grains in a hill 3 feet apart each way, and thin out when 4 inches high to 3 or 4 plants to the hill, or plant in rows 3 feet apart and thin out so the plants stand 1 foot apart. Early varieties should be planted for a late crop to be sure of maturity.

Prices quoted on Sugar Corn are prepaid in quantities up to 5 pounds to the First and Second Zones. Larger quantities shipped at purchaser's expense.

## Open Pollinated Types

**Early White.** 60 days. An extra-early white Sweet Corn producing two large 12-rowed ears on each stalk. An excellent Corn for early market or home use. Pkt. 15c.;  $\frac{1}{2}$ lb. 35c.; lb. 60c.; 5 lbs. \$2.50.

**Country Gentleman.** 95 days. A distinct sort, with deep, fine grains irregularly placed on the cob. In sweetness it is unapproached. Ears large. Pkt. 10c.;  $\frac{1}{2}$ lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Golden Midget.** 65 days. A very early, dwarf-growing yellow Corn with ears  $4\frac{1}{2}$  inches long, having 8 rows of sweet, tender kernels. Pkt. 35c.; 2 pkts. 65c.;  $\frac{1}{2}$ lb. 90c.; lb. \$1.75.

**Golden Bantam.** 79 days. While yellow in color this is one of the sweetest and earliest varieties. Ears medium size; kernels tender and delicious. We recommend it very highly for the home-garden. Pkt. 10c.;  $\frac{1}{2}$ lb. 25c.; lb. 45c.; 5 lbs. \$2.00.

**Improved Golden Bantam.** 84 days. An excellent midseason Corn producing golden yellow ears 6 to 7 inches long, with 12 to 14 rows of sweet tender kernels. The stalks are 6 feet high, strong and vigorous. Pkt. 15c.;  $\frac{1}{2}$ lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

**Golden Country Gentleman.** Similar to the well-known Country Gentleman, but having deep golden yellow kernels. Pkt. 15c.;  $\frac{1}{2}$ lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

**Stowell's Evergreen.** 95 days. The best late Corn grown. Ears extra large, and produced in abundance. Its sweetness is unexcelled. Pkt. 15c.;  $\frac{1}{2}$ lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

## Hybrid Types

**Alphagold.** 60 days. A very fine Corn of outstanding quality. Earlier than Golden Bantam and generally twice as productive, the attractive 8-inch, 12-rowed ears command a premium on the market. We have never seen its equal, and it holds this fine quality two to three days longer than other Corns. Pkt. 15c.;  $\frac{1}{2}$ lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

**Aristogold.** 83 days. Very satisfactory. It is tender, exceptionally well flavored, and produces a heavy crop. Pkt. 15c.;  $\frac{1}{2}$ lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

**Bantam Evergreen Hybrid.** 95 days. A late yellow hybrid with large 14 to 16-rowed ears. Stalks grow 7 to 8 feet tall. More resistant and better than Bantam Evergreen. Pkt. 15c.;  $\frac{1}{2}$ lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

**Big Mo.** 81 days. Honorable Mention, 1951 All-America Selections. This 7-foot midseason golden yellow hybrid shows great promise for garden or fresh use, canning and quick freezing. The tall, sturdy, suckerless stalks bear large attractive ears, well above the ground. Ears are  $8\frac{1}{2}$  inches long,  $2\frac{1}{4}$  inches wide, with 16 to 20 rows of deep tender sweet kernels covered with very tight husk. Pkt. 20c.;  $\frac{1}{2}$ lb. 70c.; lb. \$1.25.

## HYBRID TYPES, continued

**Erie.** 88 days. A new golden hybrid having long, cylindrical, slightly tapered ears, 12 to 14-rowed. Kernels are medium-narrow, tender, and of excellent quality and flavor. Stalks average  $6\frac{1}{2}$  feet in height and are wilt resistant, sturdy and vigorous, showing good drought resistance. Pkt. 15c.;  $\frac{1}{2}$ lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

**Flagship.** 82 days. Honorable Mention, All-America Selections. A fine new yellow midseason hybrid, striking for its great vigor and uniformity of stalk and ear. Grows  $7\frac{1}{2}$  feet tall, sturdy, with dark green foliage. Often bears 2 ears to a stalk,  $8\frac{1}{2}$  inches long with 14 to 16 rows of golden yellow kernels, medium deep, tender and sweet flavored. Its heavy, tight husk makes it earworm resistant. Pkt. 25c.;  $\frac{1}{2}$ lb. 70c.; lb. \$1.25.

**Golden Cross Bantam.** 85 days. This hybrid of the Bantam type grows much larger stalks than the regular Bantam strain. Ears are 7 to 8 inches long, with 12 or 14 rows of fair-sized kernels. Ready for use in about 86 days from planting. Pkt. 15c.;  $\frac{1}{2}$ lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

**Goldrush.** 69 days. The finest large-eared early hybrid sort. The ears are  $8\frac{1}{2}$  inches long, well filled to the tip with 12 to 14 rows of tender sweet kernels of the finest quality. Stalks are 6 feet tall with a high percentage producing 2 ears to each stalk. Pkt. 15c.;  $\frac{1}{2}$ lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

**Golden Glory.** 78 days. An attractive hybrid with certain earworm tolerance, highly resistant to wilt. Plant is tall and sturdy, with nice 8-inch ears having 12 to 14 rows of light yellow kernels of excellent quality. Pkt. 15c.;  $\frac{1}{2}$ lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

**Golden Freezer.** 80 days. A new midseason yellow hybrid ideally suited to home garden, canning and freezing. Stalks are 6 to  $6\frac{1}{2}$  feet tall; ears are 8 inches long, well filled to the tip with 10 to 12 rows of medium yellow kernels of excellent quality. Pkt. 15c.;  $\frac{1}{2}$ lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

**Golden Rocket.** 60 days. A new early yellow hybrid Corn maturing in 60 days, producing ears of excellent quality, averaging 8 inches long, on vigorous stalks. Height 5 to 6 feet. Pkt. 15c.;  $\frac{1}{2}$ lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

**Hybrid Stowell's Evergreen Corn.** 93 days. Hybrid Stowell's Evergreen is recommended for the main and late crop. Compared with the open-pollinated type it makes a better root-growth, a sturdier stalk, is disease-resistant. Pkt. 15c.;  $\frac{1}{2}$ lb. 45c.; lb. 75c.; 5 lbs. \$3.50.

**Lochief.** 83 days. Gold Medal, All-America Selections. This new yellow hybrid is of the same maturity as Golden Cross but grows about 12 inches taller and has a much heavier yield. The large attractive ears have mostly 16 rows of deep, narrow, fresh-looking kernels of excellent color and flavor, with a very tender pericarp. It has the exceptional ability to hold this quality for several days. Pkt. 20c.;  $\frac{1}{2}$ lb. 70c.; lb. \$1.25.

**Ioana.** 83 days. A fine uniform All-America Winner. The well-filled, light yellow ears are 8 inches long, 12 to 16-rowed. The suckerless stalks grow 6 to 7 feet tall, showing great resistance to drought. Pkt. 15c.;  $\frac{1}{2}$ lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

**Marcross.** 76 days. Stalks short but sturdy, highly resistant to Stewart's disease. Ears long, plump, abruptly tapered at tips. 10 to 14-rowed, with light cream-yellow, medium-broad kernels of good quality. Pkt. 15c.;  $\frac{1}{2}$ lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

## HYBRID SWEET CORN, continued

**Spancross.** 73 days. Stalk of medium height. Ear well filled, uniform, attractive, having 10 to 14 rows of golden yellow kernels of good quality. Pkt. 15c.;  $\frac{1}{2}$ lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

**Tendermost.** 83 days. The clean golden 14-rowed ears are deliciously sweet and develop a brilliant color. They have plump, well-filled tips with deep kernels. It has a great degree of resistance to smut. Pkt. 15c.;  $\frac{1}{2}$ lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

**Top Flight Bantam.** 82 days. One of the outstanding winners from the All-America seed trials. This handsome 14 to 16-rowed yellow Sweet Corn generally produces two ears to a stalk. They are 9 inches long, well filled, tender and succulent. Pkt. 15c.;  $\frac{1}{2}$ lb. 40c.; lb. 70c.; 5 lbs. \$3.25.

## HYBRID POP CORN

These new hybrid Pop Corns will show a much larger yield and popping volume than the open-pollinated sorts.

**White Giant.** Deep, white, pointed kernels arranged in irregular rows on small cobs. Earlier and of better quality than the old variety. Pkt. 15c.;  $\frac{1}{2}$ lb. 50c.; lb. 95c.

**Golden Giant.** A yellow variety similar to White Giant. Has a popping volume 25 per cent larger than the open-pollinated sorts. Pkt. 15c.;  $\frac{1}{2}$ lb. 50c.; lb. 95c.

### Pop Corn

**Queen's Golden.** Pops white.  $\frac{1}{2}$ lb. 25c.; lb. 40c.; 3 lbs. \$1.10.

**Snowflake.**  $\frac{1}{2}$ lb. 25c.; lb. 40c.; 3 lbs. \$1.10.

## CRESS

The Cresses furnish warm pungent flavor to salads and are useful for garnishings.

**Garden Cress, Curled or Peppergrass.** 45 days. A very hardy, fast-growing annual producing an abundance of attractive, finely curled, dark green foliage of a pleasant pungent flavor which is splendid for garnishing. Pkt. 15c.;  $\frac{1}{2}$ oz. 40c.; oz. 75c.

**Upland.** 45 days. Sow thickly in early spring, in drills 1 foot apart, and follow every two weeks, up to August 1, with a new sowing. Pkt. 15c.;  $\frac{1}{2}$ oz. 35c.; oz. 55c.

**Water-Cress, True Erfurt.** This may be sown early in spring near the brink of a pond of spring water or stream of running water. Scatter the seed and it will sprout and grow rapidly; once established, it remains for years, reseeding itself. Pkt. 25c.;  $\frac{1}{2}$ oz. 95c.; oz. \$1.75.

## DANDELION

PISSENLIT (Fr.) LOEWENZAHN (Ger.)  
DENTE DE LEONE (Ital.)

Seed should be sown in spring, in a bed where the plants should remain for the season; late in the fall, cover the bed with a movable sash or leaves or salt hay for protection.

**Italian (Cichoria Catalogna).** A new introduction in this country and in great demand as greens. The main stalk produces leaves resembling the broad-leaved variety, but much greater in length. It is cut and bunched same as asparagus. Pkt. 15c.;  $\frac{1}{2}$ oz. 35c.; oz. 60c.

**Arlington Thick-leaved (French Broad-leaved).** Also known as Improved Thick-leaved. The most popular variety. Plant rather upright, forming a 20-inch rosette of large, broad leaves which are thick and easily blanched. Pkt. 20c.;  $\frac{1}{2}$ oz. 75c.; oz. \$1.25.

ALL PRICES SUBJECT TO MARKET  
CHANGES

## MICHELL'S CUCUMBERS

CONCOMBRE (Fr.) GURKEN (Ger.) CETRIOLO (Ital.)

One ounce will sow 60 hills; 2 to 3 pounds, an acre

Plant when the ground has become thoroughly warmed, in hills. When the second set of leaves has formed, thin out to 4 plants in a hill.

**Early Sure-Crop Hybrid.** 58 days. Bronze Medal, All-America Selections, 1951. This new slicing variety is a true first-generation hybrid of the white spine type. Very resistant to mosaic and downy mildew. Its exceptional characteristics are its unusually vigorous growing habit and very high yield. The uniform fruits are slender and blunt ended, 8 to 9 inches long by  $2\frac{1}{2}$  inches in diameter. It holds its dark green color after picking. Flesh is white, crisp, tender and of good flavor. Vine is extremely vigorous with large protective leaves. Bears over a long period. Pkt. 30c.; 2 pkts. 55c.; 5 pkts. \$1.20;  $\frac{1}{2}$ oz. \$2.50.

**Cubit.** 64 days. Bronze Medal, 1944 All-America Selections. A prolific, white-spined variety, dark green color, long, cylindrical shape. Small seed cavity; admirably adapted for slicing. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$ lb. \$1.25.

**A. & C. CUKE.** 67 days. A proved leader for both home-garden and market-garden use. Fruits nearly cylindrical,  $2\frac{3}{4}$  inches in diameter, 9 to 11 inches in length. Seed cavity exceptionally small. Very good slicer. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.10.

**Arlington White Spine.** 62 days. This is the leading sort for the home- or market-garden. Fruits smooth, deep green, uniformly 8 inches in length. Valuable for slicing or pickling. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Crystal Apple.** 65 days. An amazingly attractive Cucumber, perfectly round, crystal-white at all stages. Produces tremendous number of fruit about the size of a lemon when mature. Pkt. 20c.;  $\frac{1}{2}$ oz. 50c.; oz. 95c.

**Davis Perfect.** 65 days. Fruits uniform in shape and size, often measuring 10 to 12 inches in length, dark green all over, quite smooth. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.10.

**Early Fortune.** 64 days. One of the finest Cucumbers of the White Spine type. The medium length, dark green fruits hold their color for a long time after pickling; flesh white, very crisp. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

Sow from June to August, in shallow drills; when 2 inches high, thin out to 10 inches apart. When well developed, tie the plants together at the top, to blanch the inner leaves; do not tie up when the leaves are wet. If the plants are protected they may be left outdoors till Christmas. If wanted for later use they may be lifted late in autumn and placed in a dry, cool cellar, covering the roots with soil.

**Florida Deep Heart.** 88 days. An improved form of the broad-leaved Batavian. Many infolding, broad leaves form a deep, compact, well-blanching heart. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$ lb. \$1.25.

**Early Market.** 60 days. A new dark green variety of uniform shape and size, averaging 8 inches in length. Excellent for slicing. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Gherkin or Burr.** For pickling only. The small fruits are about 2 inches long, of thick, rounded form, very prickly when green. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.10.

**Improved Long Green.** 67 days. Well-known standard variety. Its dark color makes it desirable for market. The vines are vigorous and productive. Fruits average 1 foot in length. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Lemon.** 65 days. A very prolific variety producing an abundance of deep lemon-yellow fruit,  $3\frac{1}{2}$  inches long and almost as thick. Pkt. 20c.;  $\frac{1}{2}$ oz. 50c.; oz. 95c.

**Longfellow.** 72 days. Extra long, dark green, fine quality. Handled properly will average  $2\frac{1}{8}$  inches in diameter and 15 inches in length. Suitable for both greenhouse forcing and outdoor culture. Pkt. 15c.; oz. 50c.;  $\frac{1}{4}$ lb. \$1.65.

**Marketer.** 65 days. A fine new slender variety. Vines are vigorous and prolific. Fruits are 8 inches long and  $2\frac{1}{2}$  inches in diameter. Very dark green, slightly tapered to each end. Uniform and trim in appearance. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$ lb. \$1.25.

**National Association Pickling.** 56 days. A highly desirable, very extensively used pickling strain. Fruits dark green, symmetrical, with thick walls, full ended. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Producer.** 54 days. A very prolific white-spine pickling type of dark green color. Fruit slightly shorter than National Pickling. Pkt. 15c.; oz. 40c.;  $\frac{1}{4}$ lb. \$1.30.

**Straight 8.** 64 days. Fine dark green color, free of white tips. Grows 8 inches long by about  $1\frac{1}{2}$  inches thick and is of remarkably uniform straight shape. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.10.

## FORCING CUCUMBER

**IMPROVED TELEGRAPH.** The finest type of forcing Cucumber in cultivation. Quick in growth, handsome, with very small neck and unusually prolific. Pkt. (10 seeds) 45c.; 100 seeds \$4.00.

**SPARTA.** An excellent variety for growing under glass, producing long, smooth, handsome fruit of delicate flavor. Pkt. (10 seeds) 45c.; 100 seeds \$4.00.

CHICOREE (Fr.) ENDIVIE (Ger.)  
INDIVIA (Ital.)

One ounce will sow 200 feet of row

**Full-Heart Batavian (Escarolle).** 71 days. Leaves broad, light green, nearly plain. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$ lb. 95c.

**Improved Green Curled.** 73 days. An improvement over the common green variety, producing a larger head and thicker leaves. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$ lb. 95c.

**White Curled (Self-blanching).** 73 days. This is the finest White Curled variety; always crisp and tender. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$ lb. 95c.

## ENDIVE . CHICORY

### DILL

An herb used extensively for culinary purposes and for putting with cucumbers when pickling. Grows  $2\frac{1}{2}$  feet high. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.

### FENNEL

**Finocchio or Florence.** Herb. Pkt. 15c.; oz. 50c.;  $\frac{1}{4}$ lb. \$1.25.

**Sweet.** Herb. Pkt. 15c.; oz. 50c.;  $\frac{1}{4}$ lb. \$1.25.

## EGGPLANT

AUBERGINE (Fr.) EIERPFLANZE (Ger.)  
PETONCIANO (Ital.)

One ounce will produce 2000 plants

Sow seed in March in hotbeds, and when 3 inches high transplant into boxes or small pots. Plant outdoors in May or June or after the weather has become permanently warm, in rows 3 feet apart, with the plants set 2 feet apart in the row.

**Black Beauty.** 80 days. An extra-early, large, almost black variety with few seeds. Very prolific. Pkt. 15c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.00.

**Early Long Purple.** 78 days. An early variety producing slender, dark purple fruit, 7 to 8 inches long and 2½ inches in diameter. Ideal for slicing. Pkt. 15c.; ½oz. 50c.; oz. 95c.

**Florida High-bush.** 85 days. A prolific high-bush type, bearing its dark purple fruits well above the ground. Has proved a good shipper. Gaining in popularity. Pkt. 15c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.00.

**Fort Myers Market.** 85 days. The plants are of the high-bush type, carrying fruit well off the ground. Quite resistant to disease. Fruit is intense purple-black, long and oval, with no neck at stem end. Excellent type for use in the Southeast. Pkt. 15c.; ½oz. 60c.; oz. \$1.10; ¼lb. \$3.25.

**New Hampshire Hybrid.** 68 days. A very early, highly productive variety. Fruit medium sized, blocky, pear-shaped, dark purple color. Plant is rather dwarf and upright; well adapted to sections where season is short. Pkt. 15c.; ½oz. 60c.; oz. \$1.10; ¼lb. \$3.25.

**New York Improved.** 83 days. An old standard sort that is quite large and more elongated than Black Beauty, with a rich purple color. Pkt. 15c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.00.

## GARLIC SETS

AIL (Fr.) KNOBLAUCH (Ger.) AGLIO (Ital.)

One pound will sow 200 feet of row

A hardy flavoring Onion used extensively in the French method of cooking. ½lb. 50c.; lb. 85c.

## HORSERADISH ROOTS

Ready in March

Set the roots in rows 2½ feet apart, 1½ feet apart in the row. Late in the fall lift as many roots as you think you will use, cut off the top, and place in a cool cellar, covered with soil or sand.

**Maliner Kren.** A quick-growing variety far superior to the common sorts. Large cuttings. 6 roots 60c.; 12 roots 85c.; 50 roots \$2.25; 100 roots \$4.25.

## KALE . BORECOLE

CHOU VERT (Fr.) BLATTERKOHL (Ger.)  
CAVOLO VERDE (Ital.)

One ounce will sow 150 feet of row

For early use it may be sown in May; when desired for winter use, sow in September, broadcast or in rows 2 feet apart. Cover for protection against severe freezing and snow. Do not handle while in a frozen condition.

**Dwarf Blue Scotch.** 55 days. A hardy strain with finely curled foliage having a distinct blue tinge. Pkt. 15c.; oz. 45c.; ¼lb. \$1.25.

**Dwarf Green Curled.** 55 days. Very dwarf and compact, rarely attaining a height of over 6 inches. Dark green; very curly. Pkt. 15c.; oz. 45c.; ¼lb. \$1.25.

**Siberian.** 65 days. A very hardy variety with large leaves that cook very tender. Pkt. 10c.; oz. 35c.; ¼lb. 95c.

## KOHLRABI

CHOU RAVE (Fr.) KOHLRABI (Ger.)  
CAVOLO RAPA (Ital.)

One ounce will sow about 200 feet of row;  
3 pounds, an acre

Sow seed in early spring, and transplant when 3 inches high, in rows 1½ feet apart, 6 inches apart in the row. The edible part is the root, which should be used when it attains a size of 2½ inches in diameter or less, when it is extremely tender.

**Purple Vienna.** 62 days. Flesh white; skin a bluish color. Used for outdoor sowing. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.25.

**Early White Vienna.** This variety is suited for sowing under glass or outdoors. The top is very short, thus allowing all the development to go to the root, insuring early maturity. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.25.

## LETTUCE

LAITUE (Fr.) LATTICH SALAT (Ger.)  
LATTUGA (Ital.)

One ounce will produce about 2500 plants

### Heading Varieties

For the first outdoor crop, seed is usually sown in hotbeds in February or March and transplanted to the garden in April in rows 1½ feet apart, 8 to 12 inches apart in the row. For a succession, sow in drills in the open ground at intervals of two to three weeks and thin out to 8 inches apart. Where it is difficult to have the heading varieties develop properly on account of soil condition, we recommend using loose-leaf varieties.

**Bibb.** 60 days. A distinct variety with a crispness and flavor of its own. The heads are medium sized, the outer leaves deep glossy green, and the interior bleaches to a rich yellowish waxy green. Pkt. 15c.; ½oz. 25c.; oz. 45c.; ¼lb. \$1.25.

**Great Lakes.** 82 days. Bronze Medal, 1944 All-America Selections. A decidedly crisp heading Lettuce of the Imperial type. It is of excellent quality and exceedingly sweet and tender. A superior summer Lettuce that stands heat and sun and is exceptionally resistant to tip-burn injury. Very slow to shoot to seed. It does equally well in cool weather. Pkt. 15c.; ½oz. 40c.; oz. 75c.; ¼lb. \$2.50.

**Premier Great Lakes.** 74 days. Bronze Medal, 1948 All-America Selections. Developed by Pennsylvania State College. This new variety is from 7 to 10 days earlier than the standard Great Lakes. It is very much more uniform in heading. Leaves are smooth, green, small ribbed and tip-burn resistant. Heads are large and solid, often weighing up to 2 pounds. Excellent for spring and early summer culture. Pkt. 25c.; ½oz. 75c.; oz. \$1.25; ¼lb. \$3.75.

**Pennlake.** 82 days. Bronze Medal, 1948 All-America Selections. As the name indicates, this is another new variety bred by Pennsylvania State College for smoothness, uniformity, and lack of ribbiness. It is the result of a cross between Great Lakes and Imperial No. 44, combining the solidity and summer heading ability of the former with the larger head size of the latter. Pkt. 25c.; ½oz. 75c.; oz. \$1.25; ¼lb. \$3.75.

**Progress.** 80 days. A new variety of the Imperial type, developed by the U. S. Dept. of Agriculture. Very early and highly resistant to tip-burn. The leaves are medium green, thick and heavily savoyed, with edges cut and waved. Heads are attractive, firm and of fine quality. Pkt. 25c.; ½oz. 75c.; oz. \$1.25; ¼lb. \$3.75.

**All Heart.** 71 days. An excellent Lettuce for spring or summer use. The head has a heart of a decided buttery flavor. Can be used for sowing in frames. Pkt. 15c.; oz. 35c.; ¼lb. 95c.

## LEEK

POIREAU (Fr.) LAUCH (Ger.)  
PORRO (Ital.)

One ounce will sow about 100 feet of row

Allied to the onion family, but producing no bulb. Sow seed in April, in rows 1 foot apart, covering the seed about an inch; when about 4 inches high, transplant where they are to grow, in rich soil in rows 1½ feet apart, 6 inches apart in the row.

**American Flag.** 142 days. Popular for the home-garden. Makes a longer but narrower stalk than others. Pkt. 15c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.65.

**Giant Carentan.** 150 days. Produces colossal stalks of tender quality. Excellent for exhibition purposes. Pkt. 15c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.65.

**Big Boston.** 75 days. A large, flat, cabbage-headed variety, excellent for midsummer or fall use, or under glass in early spring and autumn. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**Boston Market** (White-seeded Tennisball). 73 days. Early, small-heading variety. One of the best for forcing. Pkt. 15c.; oz. 35c.; ¼lb. 95c.

**Cosberg.** 76 days. A variety with ability to head in summer weather and resist tip-burn. Heads small and compact; outer leaves light yellowish green, crumpled and frilled. Pkt. 15c.; oz. 35c.; ¼lb. 95c.

**Iceberg.** 84 days. A fine variety, producing large, solid, cabbage-like heads, firm, crisp, and of fine flavor. Leaves curly, slightly tinged red. Pkt. 15c.; oz. 40c.; ¼lb. \$1.25.

**Imperial No. 44.** 82 days. This variety has very long, well-folded leaves and produces hard, well-formed heads appreciably less susceptible to tip-burn than other varieties. Pkt. 15c.; ½oz. 35c.; oz. 50c.; ¼lb. \$1.50.

**Imperial No. 847.** 84 days. A brown-blight resistant variety for summer planting. Heads are medium large, hard, fine and well covered by the leaves. Pkt. 15c.; ½oz. 35c.; oz. 50c.; ¼lb. \$1.50.

**Improved Hanson.** 80 days. Tremendous, solid heads with outer leaves curled and interior almost white and very tender. Pkt. 15c.; oz. 35c.; ¼lb. 95c.

**May King.** 63 days. The first solid head Lettuce to mature outdoors. It is of good size, with tender, full heart. Suitable for sowing under sash in early spring. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**Number 1.** 70 days. A good variety for summer use as it resists the hot sun better than most sorts. Heads unusually large, tender, and of a delicious buttery flavor. Pkt. 15c.; oz. 40c.; ¼lb. \$1.25.

**Mignonette.** 65 days. Splendid for the home-garden, being of excellent quality, crisp and sweet. Medium small in size, compact and hard heading. Very dull dark green in color, dark brown at edge of leaf with well-blanching creamy yellow heart. Pkt. 15c.; oz. 35c.; ¼lb. 95c.

**New York or Wonderful No. 12.** 80 days. This is a leader of the cabbage-headed sorts. Heads large, dark green, with white interior and curled outer leaves. Pkt. 15c.; ½oz. 35c.; oz. 50c.; ¼lb. \$1.50.

ALL PRICES SUBJECT TO MARKET CHANGES



# MICHELL'S Choice VEGETABLE SEEDS



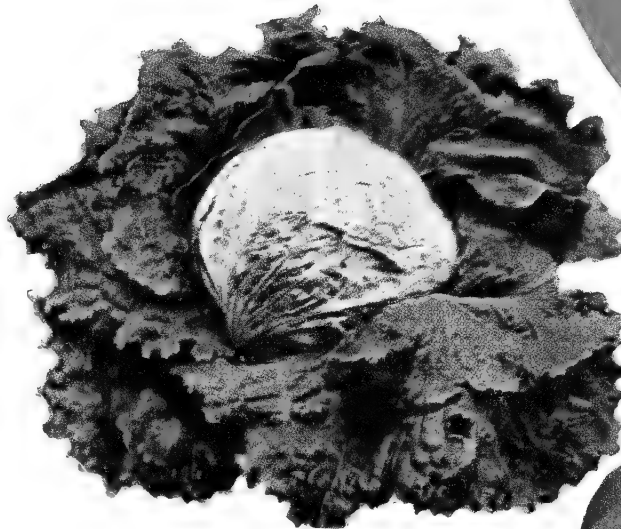
## BEANS, Topcrop

The most prolific top-quality Bean developed by the U. S. Department of Agriculture. **Pkt. 20c.; 1/2lb. 50c.; lb. 90c.; 5 lbs. \$4.00.**



## RADISH, Cherry Belle

A new variety, very early and good for forcing. **Pkt. 15c.; oz. 60c.; 1/4lb. \$1.75.**



## LETTUCE

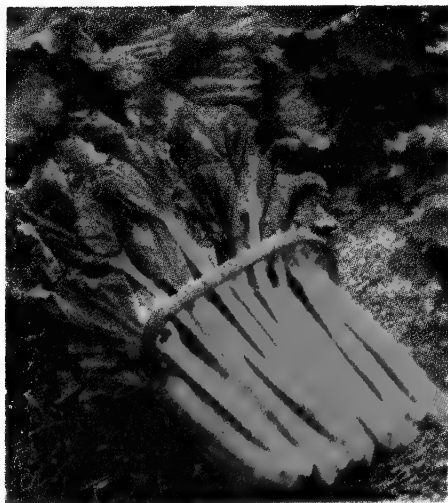
### New or Wonderful No. 12

A leader among the cabbage-head sorts. **Pkt. 15c.; 1/2oz. 35c.; oz. 50c.; 1/4lb. \$1.50.**



## TOMATO, Jubilee

A new orange-yellow Tomato with mild flavor. **Pkt. 20c.; 1/4oz. 50c.; 1/2oz. 85c.; oz. \$1.60; 1/4lb. \$4.75.**



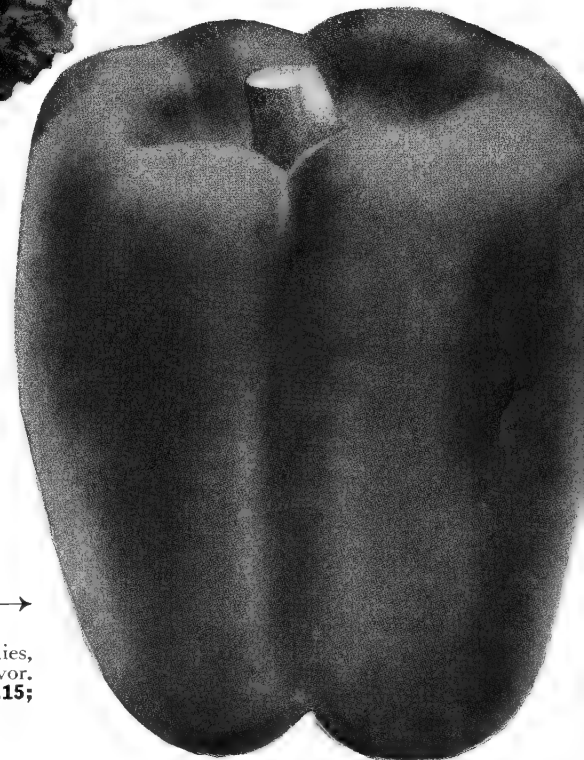
## RHUBARB, MacDonald

A new variety of great merit. **1 root 75c.; 2 roots \$1.45; 5 roots \$3.25.**



## PEPPER, World Beater

One of the best large varieties, very meaty and of mild flavor. **Pkt. 15c.; 1/2oz. 60c.; oz. \$1.15; 1/4lb. \$3.50.**



## PEPPER, WORLD BEATER

**Salamander or Black-Seeded Tennis Ball.** 65 days. Forms a large, light green, compact head with a white heart. Very tender, crisp, and extremely slow to run to seed. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$  lb. 90c.

**White Big Boston.** 72 days. A heading variety which resembles Big Boston in size, solidity and general appearance, but it lacks the brown edge. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$  lb. 90c.

## Chicken Lettuce

An excellent green for poultry or rabbits. Grows 18 to 20 inches high. Ready for cutting 40 to 45 days after sowing. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$  lb. 75c.; lb. \$2.10.

## Romaine - Cos Lettuce

This type, of French origin, differs greatly from the American varieties in its peculiar, upright growth. To produce tender heads, the outer leaves must be tied together at the top so that the inner ones blanch. Best adapted to outdoor planting and stands the heat well.

**Dark Green Cos.** 66 days. Similar to the White Cos but darker green leaves. Inner leaves bleach a creamy to golden yellow with endive-like flavor. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$  lb. 95c.

**Paris White Cos.** 66 days. Strong grower with long, medium green leaves of most excellent quality. A self-folder, but when half grown it is best to tie it up so the inner leaves may be blanched white. Head 8 to 9 inches high. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$  lb. 95c.

## Loose-Leaf or Cutting Varieties

For early or midsummer use, seed should be sown very thickly. When pulling the young plants, try to do so carefully, with an effort to thin out the bed, thus allowing the remaining plants to become large.

**Slobolt.** 45 days. A new non-heading variety that is very slow to develop seed-stalks in hot weather. Especially desirable for home-garden use. Pkt. 15c.;  $\frac{1}{2}$  oz. 50c.; oz. 90c.;  $\frac{1}{4}$  lb. \$2.50.

**Oak Leaf.** 45 days. A beautiful golden green Lettuce of fine form and valuable because remarkably slow to shoot to seed. Makes attractive loose-leaf heads during the hottest summer weather; no other variety grows so well at that time of the year. The leaves are broad, deeply lobed like an oak leaf, thick, succulent and tender. Pkt. 15c.;  $\frac{1}{2}$  oz. 35c.; oz. 50c.;  $\frac{1}{4}$  lb. \$1.50.

**Black-seeded Simpson.** 46 days. Ideal for midsummer use. When matured, presents a loose head with finely fringed leaves. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$  lb. 95c.

**Early Curled Silesian.** 45 days. This variety should be cut instead of pulled, as it makes new growth from the same root. Leaves light green. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$  lb. 95c.

**Early Curled Simpson.** 45 days. An excellent, curly-leaved sort; loose heads and very tender. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$  lb. 95c.

**Grand Rapids.** 43 days. The leading variety in this class for forcing under glass, but may also be grown successfully outdoors. Leaves are very curly, crisp and brittle. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$  lb. 95c.

## LAVENDER

Herb whose fragrant dried flowers are used in sachets. Pkt. 25c.;  $\frac{1}{4}$  oz. 75c.;  $\frac{1}{2}$  oz. \$1.35; oz. \$2.50.

ALL PRICES SUBJECT TO MARKET CHANGES

# MUSKMELON

MELON MUSCADE (Fr.) MELONE (Ger.)  
POPONE MELONE (Ital.)

While these do best in a light, sandy loam, any good, well-prepared garden soil suits them. Plant when the ground has become permanently warm, in hills 6 feet apart each way, 8 to 10 seeds in a hill. After the second tier of leaves has formed, thin out to 4 plants in a hill.

**Casaba Golden Beauty.** 112 days. Late-maturing winter variety. Large round fruits, 6 to 8 inches in diameter, weighing about 6 pounds. Wrinkled golden yellow skin with thick white flesh, luscious and spicy. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$  lb. \$1.25.

**Craig.** 90 days. An excellent melon for the home garden. Of uniform quality throughout a wide range of fruit sizes. Flesh very thick and firm with exceptionally deep salmon color of delicious quality. Fruits  $7\frac{1}{2}$  inches long,  $6\frac{1}{2}$  inches in diameter, with pearly green skin having distinct ribbing. Pkt. 15c.; oz. 50c.;  $\frac{1}{4}$  lb. \$1.50.

**Emerald Gem.** 85 days. Flat; sweet, rich salmon flesh that ripens close to the rind. Pkt. 15c.; oz. 50c.;  $\frac{1}{4}$  lb. \$1.25.

**Fordhook.** 88 days. Flat; flesh salmon-orange, very sweet. Fruits large, often weighing 2 pounds each. Early and very prolific. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$  lb. \$1.25.

**Hale's Best No. 36.** 82 days. Heavily netted fruits with salmon-color flesh; oval form; fine quality. Excellent for long-distance shipping. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$  lb. \$1.25.

**Hearts of Gold.** 90 days. Midseason. Round fruit, distinctly ribbed; thick, deep salmon flesh of excellent flavor and can be eaten close to the rind. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$  lb. \$1.25.

**Honey Dew.** 112 days. Matures late. Fruits large—6 inches in diameter and 7 to 8 inches long—with smooth, creamy white skin with occasional netting. Thick, emerald-green flesh, melting, and of delicious flavor. Ripe melons can be kept for several weeks before using. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$  lb. \$1.25.

**Honey Rock.** 81 days. Medium size, round as a ball, and with a coarse netting. Flesh thick and of a deep orange color. Ripens early and has proved to be very productive. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$  lb. \$1.25.

**Jennie Lind.** 86 days. A small, early, green-fleshed variety much flattened at the poles. Flesh medium thick, juicy and of excellent quality. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$  lb. \$1.25.

**Delicious.** 83 days. Large fruits often weigh 8 pounds. Flesh is deep orange-salmon, of fine quality. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$  lb. \$1.25.

**Pride of Wisconsin.** 90 days. A new introduction with considerable merit. The rind is a gray color, with a distinct netting. Flesh is unusually thick and of very good flavor. Carries well in shipping. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$  lb. \$1.25.

**Bender's Surprise.** 90 days. A large variety, often weighing 8 to 9 pounds, oval in shape, with prominent ribs. The green skin (slightly netted) turns to cream color as it ripens. Flesh bright salmon, thick and sweet. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$  lb. \$1.25.

**Rocky Ford.** 92 days. Medium-early variety. Fruit oval, covered with a fine netting; flesh green, very sweet, highly flavored. Pkt. 15c.; oz. 50c.;  $\frac{1}{4}$  lb. \$1.50.

## Preserving Melon - Citron

**California Red-seeded.** 85 days. A large-fruited variety with pure white flesh and thin rind. It is planted like watermelon. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$  lb. 90c.

# WATERMELON

MELON D'EAU (Fr.) WASSER MELONE (Ger.)  
MELONE D'ACQUA (Ital.)

One ounce will sow 30 hills; 4 pounds, an acre

Plant in hills 8 to 10 feet apart each way, 8 to 10 seeds in each hill, covering  $\frac{1}{2}$  inch deep. When well established, thin out to three or four of the strongest plants to each hill. Watermelons should not be planted until after the soil has become thoroughly warm. We offer the varieties which we know are the better ones.

**Blacklee.** 90 days. An excellent variety with a very high degree of resistance to fusarium wilt. Fruits are medium large, cylindrical and blotchy, dark blue-green color. Flesh is deep red, firm and sweet. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$  lb. \$1.25.

**Dixie Queen.** 85 days. A splendid melon with thin, tough rind, light green in color with dark green stripes. Flesh is fine-grained, tender and lusciously flavored, rich scarlet. Average weight 30 pounds. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$  lb. 90c.

**Congo.** 90 days. Bronze Medal, All-America Selections, 1950. A new variety bred for resistance to anthracnose but not immune. It has a slight degree of resistance to fusarium wilt. Fruits are oblong, blotchy, dark green, faintly striped with lighter green. Flesh is fine grained and firm. Pkt. 25c.; oz. 75c.

**Golden Honey.** A truly fine yellow-fleshed variety. Oblong in shape, averaging about 20 pounds in weight. Rind is dark green, with irregular stripes of darker green. Flesh amber-yellow, tender and delightfully flavored. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$  lb. 95c.

**Halbert Honey.** 82 days. The long fruits with blunt ends are very large, often weighing 50 pounds. Rind is thin, dark green; flesh rich crimson and sweet. It is altogether a first-rater. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$  lb. 95c.

**Harris' Earliest.** 75 days. Ripens early and on this account is one of the best for the northern states. Fruit oblong, marbled light and dark green; flesh bright red and of good quality. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$  lb. 90c.

**Kleckley Sweets.** 85 days. Has a luscious tenderness all its own. Not a shipping variety, as the rind is too close to the ripe, fluffy, rich red meat, when in condition to use. The melons average about 20 inches long and ripen quite early. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$  lb. 95c.

**New Hampshire Midget.** 67 days. Gold Medal, All-America Selections, 1951. This midget or icebox variety is very early and prolific. It is a round melon 6-inches through, weighing up to 6 pounds, striped dark green on light green. Rind is thin, with strawberry-red flesh of very good flavor. Earlier and more productive than any other of its type. Pkt. 25c.; oz. 75c.

**Stone Mountain.** 80 days. A good market- and home-garden variety. Round, slightly elongated, with light green skin and sweet flesh. Average weight 40 to 50 pounds. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$  lb. 90c.

**Thurmond Gray Wilt-resistant.** 95 days. A large, cylindrical sort weighing about 35 pounds, highly resistant to disease. Rind very hard, light green with mottling of darker green. Flesh is dark red, firm and of good quality. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$  lb. \$1.25.

**Tom Watson.** 95 days. A handsome, large fruit, frequently 2 feet long and 1 foot in diameter, dark green rind and bright scarlet flesh of excellent texture and flavor. Nothing can touch it for shipping qualities. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$  lb. 90c.

**WATERMELON SEEDS.** For medicinal purposes.  $\frac{1}{4}$  lb. 50c.;  $\frac{1}{2}$  lb. 95c.; lb. \$1.75.

## MUSTARD

One ounce will sow 75 feet of row

Makes a delicious green salad, pungent in taste, highly palatable, and healthful. Sow every two weeks in rows the same as spinach. Fine winter greens if sown in a heated frame or greenhouse.

**Fordhook Fancy.** 65 days. Produces a large crop of leaves resembling an ostrich plume, which are of mild flavor. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$ lb. 85c.

**Southern Giant Curled.** 65 days. The best of the curled Mustards. Sweet flavor; matures very early and produces abundant foliage. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 80c.

**Tendergreen or Spinach Mustard.** 40 days. A mild-flavored, dark green, smooth-leaved type. Foliage is prepared for the table the same as spinach or turnip greens. The leaves can be cut throughout the entire growing season. Resistant to heat and drought. Pkt. 15c.; oz. 35c.;  $\frac{1}{4}$ lb. 85c.

**MANGEL-WURZEL** See page 39.

## MUSHROOM SPAWN

This Spawn is made in quart milk bottles under absolutely sterile conditions, so that every mould, weed seed, or insect is destroyed and each bottle contains nothing but pure Spawn. One carton equals 5 bricks of ordinary Spawn and is sufficient to spawn about 40 square feet.

**Carton \$1.25; 10 cartons \$12.00.**

### Pure Culture Brick Spawn

One brick will spawn 8 to 10 square feet

Ask for our Free Leaflet on Mushroom Culture  
**Pure White.** Brick 45c.; 5 bricks \$1.95; 10 bricks \$3.45; 25 bricks \$8.25.

## OKRA or GUMBO

GOMBAUD (Fr.) OCHER (Ger.)  
OCRA (Ital.)

One ounce will sow about a 100-foot row

Sow seed thickly after frost and cold have disappeared, in rows 3 feet apart; when about 6 inches high, plants should be thinned out to stand 1 foot apart in the row. The pod is used when young and tender, sliced in soups and stews; what is not utilized during the summer may be harvested, cut in slices, dried in the sun, and used during the winter.

**Perkins Mammoth Long Pod.** 64 days. A leading home-garden and canning variety about 4 feet in height and literally covered with pods 6 to 7 inches long, dark green, tapered, fleshy and heavily ribbed. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 85c.

**Clemson Spineless.** 55 days. Silver Medal All-America Selections. A uniform spineless strain of the Perkins long-podded type. Pods 8 to 9 inches long. Plants 4 to 5 feet tall. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 85c.

**Dwarf Long Green-podded.** 51 days. Fine quality pods, somewhat smaller than the Clemson Spineless. Plants much smaller. Popular market- and home-garden variety. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 85c.

**White Velvet or Creole.** 60 days. Pods are very free from ridges, almost perfectly smooth, tender; light green, almost white. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$ lb. 60c.

## MULTIPLIER ONIONS

**Shallots.**  $\frac{1}{2}$ lb. 50c.; lb. 85c.

**Garlic.**  $\frac{1}{2}$ lb. 50c.; lb. 85c.

**Yellow Multiplier.**  $\frac{1}{2}$ lb. 50c.; lb. 85c.

**Yellow Potato.**  $\frac{1}{2}$ lb. 50c.; lb. 85c.

**Egyptian Tree Top.** Ready September 10.  $\frac{1}{2}$ lb. 35c.; lb. 60c.

# MICHELL'S SELECT ONION SEED

Onions are essential in your garden

OIGNON (Fr.) ZWIEBEL (Ger.) CIPOLLA (Ital.)

For full-size Onions, one ounce will sow a 100-foot row; 5 to 6 pounds, an acre. If it is desired to grow Onion Sets, sow 40 to 50 pounds per acre.

Sow in the early spring, in rows 2 feet or less apart, according to cultivation method employed. Seed should be firmed in the soil. If it is desired to grow full-size Onions the first year, thin out when 3 inches high, so that they stand about 3 to 4 inches apart. White Onions are mildest in flavor and are recommended for early use. The yellow sorts are best for winter keeping.

## HYBRID ONIONS

**Y-40.** 88 days. This is an early, mild, sweet type of Hybrid Onion, nearly full globe in shape; appearance much like Early Yellow Globe. Pkt. 40c.;  $\frac{1}{4}$ oz. 75c.;  $\frac{1}{2}$ oz. \$1.45; oz. \$2.75.

**Y-41.** 94 days. Produces bulbs of almost globular shape, with a thin but tight straw-colored skin and mild white flesh. The first early type, about the same maturity as Early Yellow Globe but with better skin and up to 50 per cent heavier yield. Pkt. 40c.;  $\frac{1}{4}$ oz. 75c.;  $\frac{1}{2}$ oz. \$1.45; oz. \$2.75.

**Y-42.** 100 days. A hybrid of the Yellow Sweet Spanish type. The bulbs are globular with good tight necks, deep straw-colored skin and mild white flesh. This strain will produce a heavy yield of large, attractive sweet Onions. Pkt. 40c.;  $\frac{1}{4}$ oz. 75c.;  $\frac{1}{2}$ oz. \$1.45; oz. \$2.75.

**Ailsa Craig.** 105 days. A large variety, oblong globe-shaped. Color is light yellow, lightly tinged with bronze. A specimen of this variety often weighs 3 pounds and over. Pkt. 15c.;  $\frac{1}{2}$ oz. 50c.; oz. 95c.;  $\frac{1}{4}$ lb. \$2.75.

**Bermuda White.** 93 days. Light yellow or straw-color. It is early, and if transplanted about 4 inches apart, will produce immense, flat bulbs. In the raw state it is very mild, and when cooked the flesh is tender and of a delicious flavor. Pkt. 15c.;  $\frac{1}{2}$ oz. 45c.; oz. 85c.;  $\frac{1}{4}$ lb. \$2.50.

**Early Yellow Globe.** 98 days. It matures ten days to two weeks earlier than Southport Yellow Globe. The bulbs are of good size, globe to flattened globe in shape and straw-yellow in color. Skin is tough and the bulb is a better keeper than most other early varieties. Where quick-maturing early Onions are wanted, this variety should be tried. Pkt. 15c.;  $\frac{1}{2}$ oz. 45c.; oz. 85c.;  $\frac{1}{4}$ lb. \$2.50.

**Ebenezer.** 100 days. Excellent Onion for winter storage. Popular for growing sets. Yellow outer skin, white, mild flesh. Bulbs are large, somewhat flattened. Pkt. 15c.;  $\frac{1}{2}$ oz. 35c.; oz. 65c.;  $\frac{1}{4}$ lb. \$1.95.

## PARSLEY

PERSIL (Fr.) PETERSILIE (Ger.)  
PREZZEMOLO (Ital.)

One ounce will sow 100 feet of row

Sow in rows  $1\frac{1}{2}$  feet apart; when 2 inches high thin out so the plants will stand 4 inches apart in the row. Ordinarily, it takes Parsley seed from 3 to 6 weeks to germinate.

**Champion Moss Curled.** 70 days. The dark green, attractive, curled leaves and long stems make this variety suitable for bunching. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.00.

**Double Curled or Covent Garden.** 70 days. Nicely curled leaves of a deep green color make this an elegant variety for garnishing steaks and salads. Dwarf in habit. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.00.

**Prizetaker.** 105 days. If sown thinly produces full-sized Onions in one season from seed, rivaling the Bermuda varieties for size and flavor, often weighing 3 pounds or more each. Pkt. 15c.;  $\frac{1}{2}$ oz. 45c.; oz. 85c.;  $\frac{1}{4}$ lb. \$2.50.

**Southport Red Globe.** 110 days. Medium to large, average early; smooth, deep purplish red skin; flesh mild, fine-grained, and tender. Excellent keeper. Pkt. 10c.;  $\frac{1}{2}$ oz. 35c.; oz. 65c.;  $\frac{1}{4}$ lb. \$1.95.

**Southport White Globe.** 110 days. A round Onion, growing to an enormous size. The flesh, when cooked, is a rich milky color, tender, and of delicious flavor. In the raw state it is very mild. Pkt. 15c.;  $\frac{1}{2}$ oz. 50c.; oz. 95c.;  $\frac{1}{4}$ lb. \$2.75.

**Southport Yellow Globe.** 115 days. Similar to the Danvers Yellow Globe, except that it is larger. A uniform-growing variety, every bulb being almost perfectly round and of the same size. Light straw-colored skin. Pkt. 10c.;  $\frac{1}{2}$ oz. 40c.; oz. 75c.;  $\frac{1}{4}$ lb. \$2.25.

**Sweet Spanish. Utab Strain.** 110 days. Large, globe-shaped, sweet variety, with golden yellow skin. An excellent keeper. Pkt. 15c.;  $\frac{1}{2}$ oz. 50c.; oz. 95c.;  $\frac{1}{4}$ lb. \$2.75.

**White Bunching.** 60 days. An extra-fine variety for early spring and summer use. Seed sown early in the spring will produce long green scallions which blanch white and remain tender for a long time. They do not form a bulb on the bottom. Pkt. 15c.;  $\frac{1}{2}$ oz. 50c.; oz. 95c.;  $\frac{1}{4}$ lb. \$2.75.

**White Portugal or Silver Skin.** 100 days. The standard white Onion for market or home use. Mild-flavored, semi-globe-shaped Onion, very uniform in growth and size. Pkt. 15c.;  $\frac{1}{2}$ oz. 50c.; oz. 95c.;  $\frac{1}{4}$ lb. \$2.75.

**Yellow Globe Danvers.** 110 days. This almost round Onion is extensively sown by private and market gardeners on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to a large size. Pkt. 10c.;  $\frac{1}{2}$ oz. 40c.; oz. 75c.;  $\frac{1}{4}$ lb. \$2.25.

## ONION SETS

Shipped on local orders after March 15

**Yellow.** Lb. 45c. **White.** Lb. 50c.

**Hamburg or Rooted.** 90 days. The fleshy roots are used for flavoring soups, stews, etc. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Plain or Single.** 72 days. Leaves not curled. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.00.

**Peerless.** 84 days. A fine selection of the Moss Curled type. This strain is hardy and remains deep green when other varieties have turned yellow. Right length for bunching. Pkt. 15c.; oz. 40c.;  $\frac{1}{4}$ lb. \$1.10.

## PEANUTS

Peanuts can be grown in almost any well-drained garden soil, and should yield a big crop. The Peanut plant rather enriches the soil instead of impoverishing it, as it is an abundant gatherer of free nitrogen.

**Selected Virginia.** 145 days.  $\frac{1}{2}$ lb. 45c.; lb. 75c.; 5 lbs. \$3.50; 10 lbs. \$6.50.

*Mitchell's Hybrid*  
**VEGETABLES**



**HYBRID ONION Y 42**

A hybrid of Yellow Sweet Spanish type. Produces a heavy yield of large uniform onions.  
**Pkt. 40c.; 1/4oz. 75c.; 1/2oz. \$1.45; oz. \$2.75**



**HYBRID CABBAGE, O. S. Cross**

An F-1 hybrid of the drumhead type, heads as solid. Very uniform in size and maturity.  
**Pkt. 35c.; 1/2oz. \$1.75**



**HYBRID TOMATO, Early Prolific**

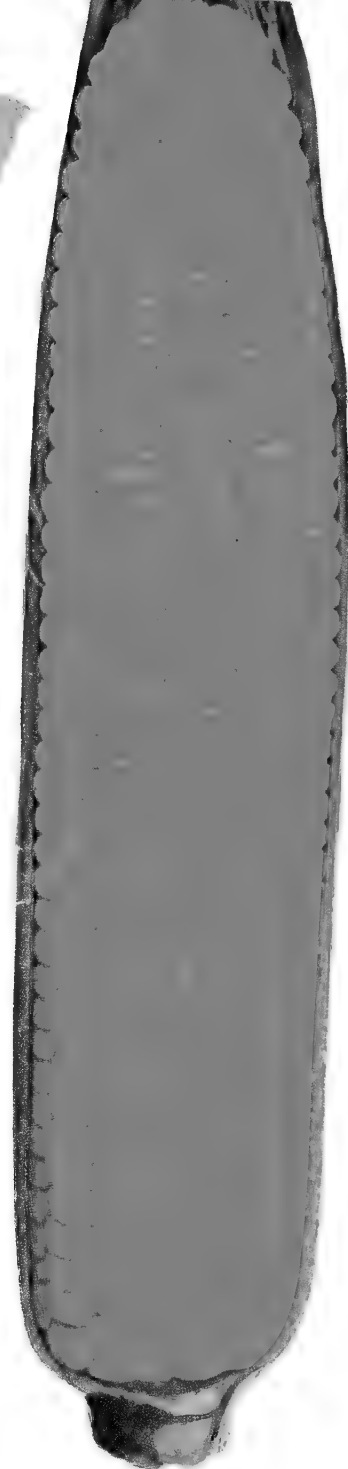
A true first generation hybrid early in maturity and producing a heavy yield of smooth, globe shaped, uniform fruit.

**Pkt. 35c.; 2 pkts. 65c.; 5 pkts. \$1.45.**



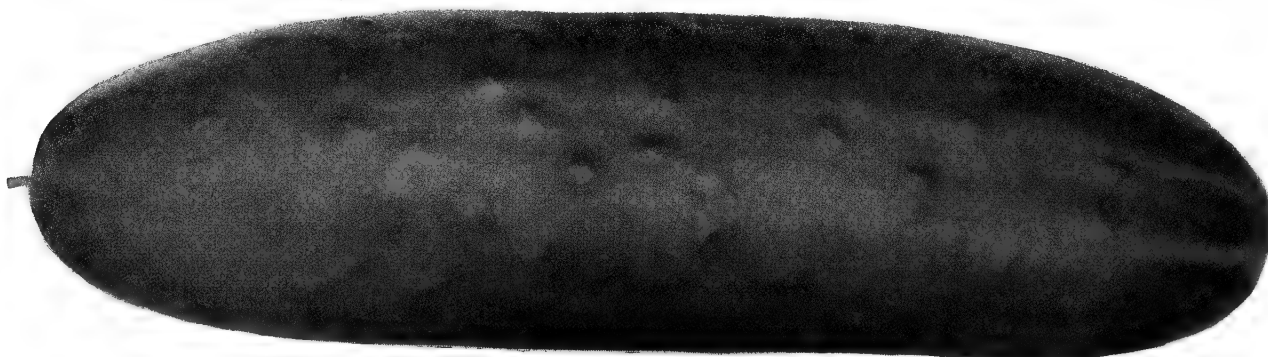
**EGGPLANT, New Hampshire Hybrid**

Very early and highly productive. Adapted to areas where the season is short. **Pkt. 15c.; 1/2oz. 60c.; oz. \$1.10; 1/4lb. \$3.25.**



**HYBRID SUGAR CORN, Big Mo**

A midseason hybrid for using fresh, for canning and freezing.  
**Pkt. 20c.; 1/2lb. 70c.; lb. \$1.25.**



**HYBRID CUCUMBER, Early Sure-Crop**

A true first generation hybrid of the white spine type resistant to Mosaic and downy mildew, with unusually vigorous habit and very high yield. **Pkt. 30c.; 2 pkts. 55c.; 5 pkts. \$1.20; 1/2oz. \$2.50.**



# GARDEN PEAS

POIS (Fr.) ERBSEN (Ger.) PISELLO (Ital.) Two pounds will sow 100 feet of row; 90 to 120 pounds, an acre

The smooth-seeded varieties may be sown as soon as the ground can be worked; the wrinkled sorts when the ground has become warm. Sow in single or double rows, 2 to 4 feet apart, according to the variety. To have a continuous crop, sow weekly up to May 15, then discontinue until August 1, when the early varieties may be sown for a fall crop.

Prices quoted on Peas are prepaid in quantities up to 5 pounds, to the First and Second Zones. Larger quantities at purchaser's expense.

## Extra-Early Varieties

**Alaska.** 56 days. 2½ ft. Smooth-seeded. Very early. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

**Blue Bantam.** 62 days. 1½ ft. One of the best dwarf large-podded wrinkled Peas. Blue-green pods more than 4 inches long. Pkt. 15c.; ½lb. 35c.; lb. 55c.; 5 lbs. \$2.50.

**Early June.** 55 days. 2½ ft. A green-seeded, smooth Pea, desirable for first planting. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

**Early Bird or Laxton's Superb.** 60 days. The earliest large-podded, dwarf sort. Vines about 18 inches high, foliage light green. Produces an abundance of attractive pods about 4 inches in length, containing 9 to 10 Peas. Very tender and of excellent flavor. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

**First and Best Extra Early.** 56 days. 2 ft. The peer of the smooth-seeded sorts. Extremely early, lusciously sweet and tender. A grand yielder. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

**Freezonian.** 62 days. Bronze Medal, All-America Selections. An improved, early wilt-resistant Pea, having hardy, vigorous vines 30 inches high. Pods are 3½ inches long, blunt and dark green, well filled with big, tender Peas. Adapted for fresh use, canning or freezing. Pkt. 15c.; ½lb. 40c.; lb. 75c.; 5 lbs. \$3.25.

**Gradus or Prosperity.** 60 days. 3 ft. A popular and very early sort producing gigantic pods and Peas. Exceedingly luscious; wrinkled. An excellent freezing variety. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

**Laxtonian.** 63 days. 1½ ft. An extra-fine, early, dwarf sort with large pods well filled with Peas of extra-fine quality. Pkt. 15c.; ½lb. 35c.; lb. 55c.; 5 lbs. \$2.50.

**Laxton's Progress.** 62 days. 1½ ft. Earlier than Laxtonian. Long pods filled with 8 or 9 large Peas of excellent flavor. Highly recommended for freezing preservation. Pkt. 15c.; ½lb. 35c.; lb. 55c.; 5 lbs. \$2.50.

**Little Marvel.** 64 days. Dwarf, 18 to 20 inches. Sweet, wrinkled Peas. Prolific. Pkt. 15c.; ½lb. 35c.; lb. 55c.; 5 lbs. \$2.50.

**Mammoth-podded Extra Early.** 56 days. Wrinkled variety, growing 30 inches high and commencing to bear 6½ weeks after planting. A heavy cropper and especially desirable where room is scarce. Pkt. 15c.; ½lb. 35c.; lb. 55c.; 5 lbs. \$2.50.

**Thomas Laxton.** 62 days. 3 ft. Exceedingly early and heavy producer of large pods filled with big wrinkled Peas of excellent flavor. Its heavy cropping qualities make it suitable for an early crop in the private garden. Highly recommended for freezing preservation. Pkt. 15c.; ½lb. 35c.; lb. 55c.; 5 lbs. \$2.50.

**World's Record.** 58 days. First early of the wrinkled Peas. Vines grow 24 to 30 inches tall, bearing a profusion of pointed pods 4 inches long, with 7 to 9 Peas of exceptionally fine quality. Adapted for freezing. Pkt. 15c.; ½lb. 35c.; lb. 55c.; 5 lbs. \$2.50.

## General or Late-Crop Varieties

**Alderman.** 74 days. 5 ft. A giant-podded variety of the Telephone group. Vines dark green. Pods dark green, tapered, 4½ to 5½ inches long, ⅛ inch wide and contain 8 to 10 Peas. Recommended for home and market-gardens and shipping. An excellent freezing variety. Pkt. 15c.; ½lb. 35c.; lb. 55c.; 5 lbs. \$2.50.

**Champion of England.** 80 days. 5 ft. A very tall, rank grower, but a wonderful yielder of delicious, wrinkled Peas. Pkt. 15c.; ½lb. 35c.; lb. 55c.; 5 lbs. \$2.50.

**Dwarf Telephone.** 76 days. 18 in. One of the best medium-early sorts. Large pods filled with very sweet wrinkled Peas. Adapted for freezing. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

**Tall Telephone.** 75 days. 3½ ft. The finest late wrinkled Pea grown. Exceedingly sweet. An abundant producer. Pkt. 15c.; ½lb. 35c.; lb. 55c.; 5 lbs. \$2.50.

## Sugar or Edible-Podded Peas

Large, well-filled pods cooked with the Peas intact. Tender and exceedingly sweet.

**Dwarf Gray Sugar.** 65 days. 2 ft. Gray seed. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

**Mammoth Melting Sugar.** 72 days. Seed creamy white. The best of the edible-podded varieties. Pkt. 15c.; ½lb. 35c.; lb. 55c.; 5 lbs. \$2.50.

**Tall Luscious Sugar.** 74 days. 4 ft. Gray seed. Pkt. 10c.; ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

# MICHELL'S PEPPERS

PIMENT (Fr.) PFEFFER (Ger.) PEPPERONE (Ital.) One ounce will produce about 1200 plants

Sow the seed in a hotbed or window-box about March 1. Transplant to the open ground when all danger from frost is over, in rows 3 feet apart, 1½ feet apart in the row.

## Mild or Sweet Varieties

**California Wonder.** 72 days. A fine variety of great merit. The very large fruits often weigh 8 to 10 ounces each and are of glossy green color turning later to vivid red. Flesh thick and mild in taste. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.50.

**Calwonder Early.** 68 days. Similar to the California Giant but maturing a week or ten days earlier. Plants are sturdy, vigorous and prolific, with attractive fruits. Thick, sweet, mild flesh, deep green changing to bright red. Pkt. 20c.; ½oz. 70c.; oz. \$1.35; ¼lb. \$4.50.

**Chinese Giant.** 80 days. Monster sweet Pepper with green fruit turning bright scarlet. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.50.

**Golden Queen.** 78 days. A large yellow-fruited variety of fine quality. Flesh is medium thick, sweet and tender. Bright green when young, changing to rich golden yellow at maturity. Resembles Ruby King in shape and size. Pkt. 20c.; ½oz. 70c.; oz. \$1.35; ¼lb. \$4.50.

**King of the North.** 64 days. A large, handsome, early variety recommended for sections where seasons are short. Dark green, turning to a beautiful red. Flesh fairly thick and of mild flavor. Heavy producer. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.50.

**Oshkosh.** 70 days. A medium-early sort, deep glossy green when young, turning to canary-yellow at maturity. Fruits are 4½ inches long and 3½ inches at stem end, tapering to a blunt point. Pkt. 15c.; ½oz. 55c.; oz. \$1.05; ¼lb. \$3.10.

**Pimiento.** 73 days. Excellent, uniformly shaped, sweet green changing to red when ripe. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.50.

**Ruby King.** 68 days. Fruits 5 to 6 inches long and 3 inches in diameter, green, turning to red. Pkt. 15c.; ½oz. 55c.; oz. \$1.00; ¼lb. \$3.00.

**Sunnybrook, Tomato or Squash.** 73 days. Upright grower, with small fruit shaped like a tomato and of mild flavor. Pkt. 15c.; ½oz. 55c.; oz. \$1.00; ¼lb. \$3.00.

**Sweet Banana.** 68 days. A very early, productive, sweet Pepper. Fruit is 6 to 7 inches long, ½ inch in diameter, tapered to a point, with a slight curve. Light yellow turning to bright red at maturity. Pkt. 15c.; ½oz. 80c.; oz. \$1.45.

**World Beater.** 70 days. One of the best large varieties. Fruits are mostly four-lobed, 5 inches long and 3½ inches across. Flesh very meaty and of mild flavor. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.50.

**World Beater No. 13.** 73 days. *New.* Introduced by the New Jersey Agricultural Experiment Station. This Pepper is immune to the most destructive disease of Peppers—mosaic. A prolific bearer of large, heavy-fleshed, dark green fruits which turn a ruby-red when fully matured. Pkt. 15c.; ½oz. 70c.; oz. \$1.35; ¼lb. \$4.50.

**Large Bell or Bull Nose.** 64 days. One of the earliest varieties and very hardy. The sturdy plants produce great numbers of green fruits, turning later to vivid scarlet. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.50.

## Hot Varieties

**Anaheim Chili.** 80 days. The fruit is 6 to 8 inches long and 1½ inches in diameter at the shoulder, tapering to point. Flesh is thick and mildly pungent, deep green turning to rich scarlet at maturity. Pkt. 20c.; ½oz. 70c.; oz. \$1.35; ¼lb. \$4.50.

**Floral Gem.** 74 days. This is a very hot pickling variety. Plant is 2 inches tall and very prolific. Fruit is 2 inches long and 1 inch thick at shoulder, tapered and smooth. Color waxy yellow turning to bright red at maturity. Pkt. 25c.; ½oz. 85c.; oz. \$1.55.

ALL PRICES SUBJECT TO MARKET CHANGES

### Hot Peppers, continued

**Hungarian Wax.** 65 days. Fruits about 2½ inches in diameter and 4 to 5 inches long, golden yellow when young, turning later to scarlet. Very hot. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.25.

**Large Red Cherry.** 82 days. A large hot variety, extensively used for canning whole; averages 1½ to 2 inches in diameter; shaped somewhat like a flattened tomato. Pkt. 15c.; ½oz. 60c.; oz. \$1.15; ¼lb. \$3.50.

**Long Red Cayenne.** 70 days. A long red variety; very hot and used principally for bunching with potherbs. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.85.

**Red Chili.** 80 days. The small narrow red pods are very hot; used for seasoning. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.85.

## MICHELL'S PUMPKINS

POTIRON (Fr.) KURBIS (Ger.)  
ZUCCA (Ital.)

One ounce will sow 25 to 50 hills

Plant any time after the ground has become permanently warm, about 4 seeds to the hill, the latter to be about 8 feet apart each way. Do not plant near other vine crops, as they may hybridize the latter and spoil the taste. Seed can be planted among corn after the last working.

**Connecticut Field.** 118 days. Almost round light yellow fruits produced in great abundance. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

**Japanese Pie.** 110 days. A crook-necked, deep green variety with darker stripes which turn to a rich golden yellow. Fruit sets and matures early. Pkt. 15c.; oz. 35c.; ¼lb. 95c.

**King of the Mammoths.** 120 days. Enormous in size. Orange-salmon skin; bright yellow flesh, fine-grained and of excellent quality for pies. Pkt. 15c.; oz. 35c.; ¼lb. 95c.

**Large Cheese.** 108 days. A large, flat-ribbed, buff-yellow fruit with flesh of fine quality. An enormous producer, ideal for market, home-garden, and canning purposes. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

**Mammoth Cushaw or Golden Crookneck.** 112 days. Meaty variety suitable for pies or for stock-feeding purposes. Tender, golden yellow flesh. Pkt. 15c.; oz. 35c.; ¼lb. 95c.

**Small Sugar.** 110 days. The true popular New England pie Pumpkin. Extremely high in sugar content. Small, round; deep orange; meaty, sweet and free from stringiness. Average weight 5 pounds. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

**Tennessee Sweet Potato.** 110 days. An oblong, medium-sized fruit with a very light buff-yellow skin. It is delicious for pies, while for cooking for table use it is dry and tasty. Pkt. 15c.; oz. 35c.; ¼lb. 95c.

**Winter Luxury.** 100 days. The skin is a russet-yellow, while the flesh is golden orange when ripe. Pkt. 15c.; oz. 35c.; ¼lb. 95c.

**PUMPKIN SEED** for medicinal purposes. ¼lb. 50c.; ½lb. 90c.; lb. \$1.50.

## PARSNIP

PANAIS (Fr.) PASTINAKE (Ger.)  
PASTINACA (Ital.)

One ounce will sow 150 feet of row

Sow early in spring, in drills about 2 feet apart, covering the seed lightly. When plants are 2 to 3 inches high, thin out so the roots will develop. Cultivate well.

**Improved Sugar or Hollow Crown.** 95 days. Roots clear white, clean, well filled and with small core, of fine texture and free from stringiness. The shape is intermediate, shoulders wide with a deep crown. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

## ROSEMARY

An herb that is used in seasoning and in the production of a volatile oil. Pkt. 25c.

## RHUBARB

RHUBARBE (Fr.) RHABARBER (Ger.)  
RABARBARO (Ital.)

One ounce will sow 125-foot row

Seed should be sown early in the spring, in shallow drills 1 foot apart; thin out to stand 4 to 5 inches apart in the row.

**Victoria.** Immense long stalks of a cherry-red color. Pkt. 15c.; oz. 50c.; ¼lb. \$1.25.

## MICHELL'S CHOICE SEED POTATOES

POMME DE TERRE (Fr.) KARTOFFEL (Ger.) PATATA (Ital.)

Plant one peck for 100 feet of row  
Plant 12 to 14 bushels per acre

**TIME OF SHIPMENT.** Potato shipping with us commences about March 15 (weather permitting), unless otherwise requested. We can ship at customer's risk any time during cold weather.

**Chippewa.** A splendid early, disease-resistant variety. Yields a heavy crop of oval tubers with shallow eyes and smooth skin.

**Green Mountain.** An excellent general crop variety. White; roundish flat.

**Irish Cobbler.** An excellent sort, almost round in shape.

## MICHELL'S SELECT RADISH SEED

RADIS (Fr.) RADIES (Ger.) RAVANELLI (Ital.)

One ounce will sow 75 feet of row;  
8 to 10 pounds, an acre

Radishes should be sown in good rich ground, where they can make rapid growth, for then only do they produce the best results. Early sowings can be made as soon as frost is out of the ground. The winter Radishes are sown in July and are developed by autumn, at which time they may be taken up and stored in a cool cellar and covered with sand.

### Early Varieties

**Cavaller.** 23 days. A very fine greenhouse stock of Scarlet Globe type. Roots are deep globe shape, bright scarlet, thin tap-root. Flesh firm and crisp, stays in eating condition longer than similar types. Top short but long enough for bunching. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

**Cherry Belle.** Bronze Medal Winner. Round and red as a cherry, with short top and small tap-root. Solid and crisp and especially adapted for forcing. Pkt. 15c.; oz. 60c.; ¼lb. \$1.75.

**Crimson Giant.** 28 days. Early, large, globe-shaped Radish with crisp, solid flesh that remains a long time without getting pithy. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

**Early Scarlet Globe.** 25 days. A special strain from transplanted roots. Uniform in shape, color, and size; short tops. One of the best. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

**Early Scarlet or Cardinal Globe.** 26 days. For outside sowing. The vivid scarlet color and oval shape are perfect. Pkt. 15c.; oz. 50c.; ¼lb. \$1.50.

**French Breakfast.** 25 days. Rapid grower. Oblong, mild and tender; scarlet, tipped with white. Good for open ground or forcing. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

**Iceberg.** 27 days. An excellent white variety; grows 3½ to 4 inches long. Valuable for forcing and for open ground. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

## SAGE

Used in flavoring. Pkt. 25c.; ½oz. \$1.25.

## ROQUETTE OR RUCOLA

40 days. Grown for greens. Forms rosettes of oblong, divided, dull green leaves, thick in texture and of a mildly pungent flavor. Pkt. 15c.; ½oz. 50c.; oz. 90c.

### Rhubarb Roots

[Ready April 1 for spring planting]

**MacDonald.** A new variety of great merit. 1 root 75c.; 2 roots \$1.45; 5 roots \$3.25.

**Victoria.** 1 root 40c.; 2 roots 70c.; 5 roots \$1.45.

Clump, large field-grown, \$1.00 each; 2 roots \$1.90; 5 for \$4.50.

**Jersey Redskin.** Especially adapted for planting in light, sandy soil in late June and early July. Oval shape, medium size, cooking pure white.

**Katahdin.** A new late Potato that has consistently proved to be a heavy cropper and highly resistant to disease. The tubers are slightly oval, smooth with shallow eyes. Flesh white, dry and mealy. Excellent for winter storage.

**Sebago.** This is a medium early, blight-resistant sort. Tubers uniformly round, white skinned, smooth, with shallow eye. Flesh is white, mealy and of excellent quality.

**Long Scarlet Short-Top.** 27 days. A long, bright scarlet variety with small top. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

**Early Deep Scarlet Forcer.** 25 days. A popular variety for hotbed or greenhouse; also valuable for outdoor planting. Very early, crisp, and mild. Pkt. 15c.; oz. 60c.; ¼lb. \$1.75; ½lb. \$3.20.

**Philadelphia White Box.** 28 days. A selection of the old White Box Radish. It has more perfect form, produces shorter tops, and does not have a tendency to grow long. Pkt. 15c.; oz. 50c.; ¼lb. \$1.50.

**Round Red or Button.** 25 days. Extra early. Excellent for hotbed or garden culture. Flesh white, mild and tender. Pkt. 15c.; oz. 50c.; ¼lb. \$1.50.

**Scarlet Turnip, White-tipped.** 26 days. Fine early scarlet variety with white tip. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

### Summer and Winter Varieties

**Celestial or White Chinese.** 60 days. Large; pure white; excellent keeper. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00; ½lb. \$1.75.

**China Rose.** 52 days. One of the best for winter use. Half-long in shape with a scarlet, blunt tip; flesh firm. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

**Long Black Spanish.** 58 days. Large; skin black; flesh white, very firm. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00; ½lb. \$1.75.

**Round Black Spanish.** 56 days. Large; thick black skin; pure white flesh. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00; ½lb. \$1.75.

**White Strasburg.** 43 days. Oblong; pure white; mild flavor. An excellent variety for summer use. Pkt. 10c.; oz. 30c.; ¼lb. 90c.; ½lb. \$1.55.

**RUTABAGA.** See page 52.

ALL PRICES SUBJECT TO MARKET  
CHANGES

# SQUASH

COURGE (Fr.) KURBIS (Ger.) ZUCCA (Ital.)

One ounce will sow 20 to 30 hills; 3 to 4 pounds, an acre

This is a popular vegetable for summer and winter use, and being susceptible to cold it should not be planted until the ground is thoroughly warm. The bush sorts should be planted in hills 4 to 5 feet apart each way; the running varieties, 8 to 12 feet apart. Place 8 to 10 seeds in a hill and thin out to about 4 plants in a hill.

## Summer Varieties

**Caserta.** 50 days. Gold Medal, All-America Selections. A new Vegetable Marrow type, similar to Cocozelle but earlier and much more prolific. Bush type with fruits 7 to 8 inches long, light green with broken stripes of dark green. Pkt. 20c.; oz. 60c.; ¼lb. \$1.80.

**Cocozelle or Italian.** 64 days. A bush variety. Long smooth, dark green fruits, striped lighter. Fine for slicing and frying. Pkt. 15c.; oz. 40c.; ¼lb. \$1.10.

**Early Green Tint Bush Scallop.** 52 days. A most attractive type of Scallop Squash with a delicate fresh green color at the edible stage. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

**Early Prolific Straightneck.** 50 days. A bush type that produces abundantly. Fruit is smooth, straight, bright lemon-yellow, 12 inches long and 3 inches in diameter. Flesh firm and of excellent flavor. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

**Early White Bush.** 52 days. A round, scalloped form with an ivory-white skin. Has an abundance of meat of very fine flavor. Matures early; very prolific. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

**Giant Straightneck.** 60 days. A new bush sort. Fruits 18 to 20 inches long when matured and heavily warted. Deep orange color. Thick and meaty. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

**Giant Yellow Summer Crookneck.** 52 days. Shaped like a club with a bent neck. The skin is rough, warted, and orange-yellow color. This is a running variety. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

**Golden Table Queen.** 95 days. High quality Acorn type. Similar to Table Queen but has rich golden yellow outer skin. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

**Table Queen or Acorn.** Edible in about 55 days. Fruits 6 to 8 inches long, 3 inches in diameter; deep green rind turning to orange; flesh light yellow. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

**Uconn.** 50 days. Gold Medal, All-America Selections. New early bush type of green Acorn Squash; rich, meaty fruits of delicious flavor. The immature fruits may be picked during the early growing season and those which set later may be left on the vine and used as winter Squash. Pkt. 20c.; oz. 60c.; ¼lb. \$1.80.

**Yankee Hybrid.** 49 days. All-America Bronze Medal Winner. The fruits mature from 3 to 10 days earlier than other varieties of this class. Pkt. 25c.; oz. 75c.; ¼lb. \$2.50.

**Zucchini.** 62 days. Cocozelle type. Fruits 12 to 14 inches long; green skin, mottled yellow when matured; flesh delicious. Pkt. 15c.; oz. 45c.; ¼lb. \$1.25.

## Fall and Winter Varieties

**Blue Hubbard.** 110 days. A selection from the original Hubbard. The fruit is of a gray-blue color, grows large, is a remarkably good keeper and of excellent quality. Pkt. 15c.; oz. 45c.; ¼lb. \$1.25.

**Boston Marrow.** 97 days. Golden orange. Fine for canning, cooked as a vegetable or in pie. Pkt. 10c.; oz. 30c.; ¼lb. 85c.

**Buttercup.** 100 days. A fine, highly productive winter Squash with deep golden yellow flesh, dry, thick and fine grained. The turban-shaped fruit is 6 to 8 inches in diameter, deep green faintly striped and flecked with gray. There is a heart-shaped protuberance at the blossom end. Pkt. 15c.; oz. 45c.; ¼lb. \$1.25.

**Butternut.** 90 days. A fine variety of small winter Squash of recent introduction. The fruit is 10 to 12 inches in length, bottle shape, with a thick, solid, meaty neck and a very small seed cavity in bulbous end. The pale orange shell is smooth and hardy, with rich yellow meat. Pkt. 15c.; oz. 75c.; ¼lb. \$2.25.

**Delicious.** 102 days. Has the finest flavor of any Squash. Oblong, with deep green skin, thin rind, and small seed-cavity. One of the best winter keepers. Pkt. 15c.; oz. 45c.; ¼lb. \$1.25.

**Golden Hubbard.** 100 days. Used for pie and also served as a vegetable; dry and delicious. Outside deep orange-red. Pkt. 15c.; oz. 45c.; ¼lb. \$1.25.

**Hubbard.** 105 days. True. Fruits large, olive-shaped, with dark green skin and rich flesh. Pkt. 15c.; oz. 45c.; ¼lb. \$1.25.

# MICHELL'S SELECT SPINACH SEED

EPINARD (Fr.) SPINAT (Ger.) SPINACCIO (Ital.)

One ounce will sow about 75 feet of drill; 10 to 12 pounds, an acre

Sow for spring use, in drills 1 foot apart (covering the seed to about ½ inch), as early as the ground can be worked, and continue to sow every two weeks till May 15. Spinach seed seldom germinates during June, July, or August, so we do not recommend sowing again until September, which is the season to provide an early winter and spring crop.

**Bloodsdales Long-standing Savoy.** 42 days. Will stand considerable heat before bolting to seed, therefore valuable for spring sowing. Leaves are thick, crimped, and fleshy. Pkt. 10c.; oz. 30c.; ¼lb. 80c.; ½lb. \$1.35.

**King of Denmark.** 45 days. A new variety that stands a long while without running to seed. The deep green leaves are large, rounded, and slightly blistered. Pkt. 10c.; oz. 30c.; ¼lb. 80c.; ½lb. \$1.35.

**Juliana.** 48 days. Leaves broad, of dark green, glossy color, heavily blistered. Pkt. 10c.; oz. 30c.; ¼lb. 80c.; ½lb. \$1.35.

**Nobel Giant Thick Leaf.** 43 days. A quick-growing variety, large and spreading, very productive, and slow to bolt to seed. The broad leaves are rich bright green, medium thick, tender, slightly crumpled. Pkt. 10c.; oz. 30c.; ¼lb. 80c.; ½lb. \$1.35.

**New Zealand.** 70 days. This variety endures heat and drought and is excellent for summer use. Leaves small and thick. Pkt. 15c.; oz. 40c.; ¼lb. \$1.10; ½lb. \$2.00.

**Old Dominion Blight-Resistant.** 40 days. Produces an abundance of large, dark green, heavily crumpled leaves. Will stand for an extremely long time before seeding. Recommended for late fall planting for spring crop. Pkt. 10c.; oz. 30c.; ¼lb. 80c.; ½lb. \$1.35.

**Virginia Blight-resistant Savoy.** 39 days. A variety of vigorous growth, which is immune from disease. Excellent for fall sowing. Pkt. 10c.; oz. 30c.; ¼lb. 80c.; ½lb. \$1.35.

## Seeds of Culinary and Medicinal Herbs

There is an increasing interest in Herbs today, and Herb-gardens are becoming quite popular. The majority of them are very easy to grow and therefore should be grown more extensively than they are.

	Pkt.	¼oz.	½oz.	Oz.	¼lb.
Anise.....	\$0 15		\$0 50	\$0 90	
Basil, Sweet.....	15	40	60	1 00	
Basil, Italian....	15	40	60	1 00	
Borage.....	15	60	1 00	1 50	
Caraway.....	15		50	90	
Catnip.....	15	75	1 25	2 00	
Chives.....	15	55	1 00	1 75	
Coriander.....	15		30	50	
Dill.....	10		25	\$0 75	
Fennel, Sweet..	15		50	1 25	
Fennel, Florence	15		50	1 25	
Lavender.....	25	75	1 35	2 50	
Rosemary.....	25	85	1 50		
Saffron.....	25	1 25	2 00		
Sage.....	25	1 25	2 25	3 75	
Summer Savory.	15		50	90	
Sweet Marjoram	25	85	1 50		
Thyme.....	25	1 00	1 75		

For particulars on Herb Plants refer to page 71

## TOBACCO

**Connecticut Seed-Leaf.** Produces large leaves, desirable for making cigars. Pkt. 20c.; ½oz. 60c.; oz. \$1.00.

**Havana.** 120 days. Large thick leaf of fine texture. Much used for cigar wrapper. Pkt. 20c.; ½oz. 60c.; oz. \$1.00.

**White Burley.** 120 days. Root-rot resistant. Grows large and strong. A favorite for plug fillers and wrappers. Pkt. 20c.; ½oz. 60c.; oz. \$1.00.

## SALSIFY . OYSTER PLANT

SALSIFIS (Fr.) HAFER WURZEL (Ger.) SALSEFIA (Ital.)

One ounce will sow about 50 feet of drill; 10 pounds, an acre

Sow in early spring, in drills 15 inches apart and 1 to 2 inches deep; when about 4 inches high, thin to 3 inches apart. Soil should be deep and mellow in order that the root may grow straight down.

**Mammoth Sandwich Island.** Enormous; very tender and delicious. Pkt. 20c.; ½oz. 45c.; oz. 80c.

## SWISS CHARD

**Dark Green Curled.** 55 days. Pkt. 15c.; oz. 25c.; ¼lb. 75c.

**Fordhook Giant.** 55 days. Pkt. 15c.; oz. 25c.; ¼lb. 75c.

**Giant Lucullus.** 50 days. Pkt. 15c.; oz. 25c.; ¼lb. 75c.

**Rhubarb.** 60 days. Pkt. 15c.; oz. 45c.; ¼lb. \$1.25.

For descriptions of above, see page 40.

## SAFFRON

Herb used in adding color to soups, etc. Pkt. 25c.; ¼oz. \$1.25; ½oz. \$2.00.

## SAVORY

**Summer.** Herb used in flavoring. Pkt. 15c.; ½oz. 50c.; oz. 90c.

## SWEET BASIL

Herb used for soups and stews. Pkt. 15c.; ¼oz. 40c.; ½oz. 60c.; oz. \$1.00.

## SORREL

**Broad-leaved French.** 60 days. Used as a salad; has an acid flavor. Sow seed in the spring in good light soil in shallow drills 1 foot apart; thin out to 4 inches apart in the row. Pkt. 15c.; ½oz. 50c.; oz. 95c.

**Narrow-leaf French.** Pkt. 20c.; ½oz. 60c.; oz. \$1.10.

# MICHELL'S SELECT TOMATO SEED

One ounce will produce 3500 plants; ¼ pound, enough plants for an acre

POMME D'AMOUR (Fr.)  
LIEBESAPFEL (Ger.) POMO D'ORO (Ital.)

**Hybrid Early Prolific.** 58 days. Excellent dark red fruit. Heavy yield from early until late. Fruit is globe shaped, smooth and medium large; flesh firm, meaty, of excellent quality. The foliage is very vigorous, providing medium coverage against sun-scald, but not so dense as to delay ripening or encourage leaf diseases. Pkt. 35c.; 2 pkts. 65c.; 5 pkts. \$1.45.

**Jubilee.** 72 days. All-America Bronze Medal Winner. Globe-shaped, mild in flavor, bright orange-yellow. Pkt. 20c.; ¼oz. 50c.; ½oz. 85c.; oz. \$1.60; ¼lb. \$4.75.

**Bonny Best.** 73 days. One of the most prolific early Tomatoes. Solid, evenly formed, bright red. Pkt. 10c.; ½oz. 45c.; oz. 80c.

**Break o'Day.** 70 days. Disease-resistant. Globular, large, smooth, meaty, and a good red color. Pkt. 10c.; ½oz. 45c.; oz. 80c.

**Crimson Cushion or Beefsteak.** Non-acid. 90 days. Immense, solid, very meaty fruits. Pkt. 20c.; ½oz. 85c.; oz. \$1.60.

**Dwarf Champion.** 86 days. Tree Tomato. Dwarf, compact. Fruit purplish red; solid; late. Pkt. 15c.; ½oz. 75c.; oz. \$1.40.

**Dwarf Stone.** 92 days. Tree Tomato. A dwarf, compact plant and medium-sized, very solid, bright red fruit. Late cropper. Pkt. 20c.; ½oz. 85c.; oz. \$1.60.

**Earlana or Penn State.** 66 days. One of the earliest bright red varieties. Compact in growth; a good yielder. Fruit solid, uniform. Pkt. 15c.; ½oz. 75c.; oz. \$1.40.

**Garden State.** 84 days. Resistant to fusarium wilt and late blight. Fruits globe shape, slightly flattened, thick walled and mild. Pkt. 15c.; ½oz. 60c.; oz. \$1.10; ¼lb. \$3.25.

**Golden Ponderosa.** 88 days. The best large golden yellow variety. Early; smooth. Pkt. 25c.; ½oz. \$1.00; oz. \$1.75.

**Italian Salad.** 74 days. A red, plum-shaped salad Tomato. Little acid, few seeds, fine flavor. Pkt. 25c.; ½oz. \$1.00; oz. \$1.75.

**John Baer.** 70 days. Clusters of beautiful red fruit of good size and nearly round. Pkt. 10c.; ½oz. 45c.; oz. 85c.

**June Pink.** 69 days. Large; solid purplish red flesh. Pkt. 15c.; ½oz. 60c.; oz. \$1.00.

**Marglobe. Special Strain.** 77 days. Practically immune from the many Tomato diseases. Pkt. 15c.; ½oz. 60c.; oz. \$1.00.

**Marglobe. Usual Strain.** 77 days. Pkt. 10c.; ½oz. 45c.; oz. 85c.

**Oxheart.** 90 days. A main-crop, pink-fruited sort; very solid. Non-acid; quality fine. Pkt. 15c.; ½oz. 75c.; oz. \$1.45.

**Pan America.** 75 days. Resistant to nail-head rust and wilt. Fruits bright scarlet, medium large, globular shaped, with thick flesh, free of cracking. Strong vine. Pkt. 15c.; ½oz. 75c.; oz. \$1.40.

**Ponderosa.** 88 days. Non-acid. The largest Tomato in existence. A beautiful deep pink, at times rather uneven in shape. Pkt. 15c.; ½oz. 75c.; oz. \$1.40.

**Pritchard or Scarlet Topper. Special Strain.** 76 days. Early; the best of recent introductions. Shape and outside color compare with Break o'Day; inside is darker. Pkt. 15c.; ½oz. 60c.; oz. 95c.

**Pritchard or Scarlet Topper. Usual Strain.** 76 days. Pkt. 10c.; ½oz. 45c.; oz. 80c.

**Rutgers Special Strain.** 78 days. Ripens with Marglobe; very productive. Excellent main-crop. Pkt. 15c.; ½oz. 60c.; oz. 95c.

**Rutgers. Usual Strain.** 78 days. Pkt. 10c.; ½oz. 45c.; oz. 80c.

**Southland.** 100 days. Highly resistant to fusarium wilt. Globe shaped, rich scarlet-red. For home gardens, shipping and canning. Pkt. 20c.; ½oz. 85c.; oz. \$1.60.

**Stokescross No. 2.** 70 days. This new F<sub>2</sub> hybrid will produce an abundance of early-ripening, 4½-ounce, brilliant red fruit with a sparkling rich Tomato flavor. Plant is robust and provides good coverage. Pkt. 35c.; 2 pkts. 65c.; 3 pkts. 90c.; 5 pkts. \$1.45.

**Stokescross No. 4.** 80 days. Its hybrid vigor is at once seen in its ability to produce large, solid, 5½-ounce, deep red fruit in great quantity. Pkt. 35c.; 2 pkts. 65c.; 3 pkts. 90c.; 5 pkts. \$1.45.

**Stokescross No. 5.** 85 days. This F<sub>2</sub> hybrid has a long harvest season. A heavy producer of highly flavored and colored fruit. Solid and free from cracks; weight 5½ ounces. Pkt. 35c.; 2 pkts. 65c.; 3 pkts. 90c.; 5 pkts. \$1.45.

**Stokesdale.** 73 days. An extra-early scarlet-fruited sort. Well adapted to the northern states. Pkt. 15c.; ½oz. 60c.; oz. 95c.

**Stone.** 86 days. Large, handsome red fruit with smooth skin. Recommended for a main crop. Pkt. 10c.; ½oz. 45c.; oz. 80c.

**Urbana.** 72 days. Honorable Mention, All-America Selections, 1951. A new short-vine, red-globe, all-purpose Tomato. The compact, bushy vines have a heavy set of scarlet-red fruits of medium size, smooth, globe shaped, with rich red flesh. Pkt. 20c.; ½oz. 85c.; oz. \$1.60.

**Valiant.** 57 days. Extra-large, for early market variety producing brilliant scarlet fruits of the globe type. Matures most of its crop before the extreme heat. Pkt. 15c.; ½oz. 50c.; oz. 90c.

**Victor.** 66 days. Very early; very prolific. The fruit is of moderate size, semi-globe shape, rich scarlet, in large clusters. Pkt. 15c.; ½oz. 60c.; oz. \$1.00.

## Forcing Tomatoes

**PERFECT FORCING TOMATO (Sealandria)** is a new improvement in Forcing Tomatoes. It is practically free from corrugated fruits, is very resistant to diseases, especially leaf mould, is very early and gives a large yield.

The fruits are round, handsome in appearance, of a beautiful bright red color and fine flavor; very uniform and firm. Perfect for shipping.

We recommend this as the ideal Tomato for greenhouse growing. Pkt. \$1.00; ½oz. \$2.00; ¼oz. \$3.25; ¼oz. \$5.75; ½oz. \$10.00.

**Michigan State Forcing.** Pkt. 25c.; large pkt. 75c.

## Small-Fruited Tomatoes

**Red Cherry Red Plum Yellow Pear**  
**Red Pear Yellow Cherry Yellow Plum**  
**Strawberry or Husk**  
Pkt. 20c.; ½oz. 60c.

# MICHELL'S TURNIP and RUTABAGA SEED

NAVET (Fr.) WEISSE RUBE (Ger.) NAVONNE (Ital.)  
One ounce of seed for 100 feet of drill; 2 pounds per acre, broadcast

For early use sow the small sorts as soon as the ground can be worked in the spring in drills 14 inches apart. As the seed is fine, it should be covered but slightly. Do not sow too thickly, so the roots can develop. For fall and winter use sow broadcast from the middle of July to the middle of August.

## Turnip

**Early Purple-Top Flat.** 46 days. A popular early variety. Root clear white, purple top; good quality. Pkt. 10c.; oz. 25c.; ¼lb. 60c.; ½lb. 95c.; lb. \$1.65.

**Early White Flat Dutch (Strap-Leaf).** 46 days. An early variety, producing a medium-sized root of fine quality. Pkt. 10c.; oz. 25c.; ¼lb. 60c.; ½lb. 95c.; lb. \$1.65.

**Purple-Top White Globe.** 57 days. Large root, skin purple at top, white at bottom. A good table and market variety. Pkt. 10c.; oz. 25c.; ¼lb. 60c.; ½lb. 95c.; lb. \$1.65.

**Shogoin.** 30 days. A two-purpose variety with tops equal to the best spinach. The roots are pure white and of fine flavor. Pkt. 10c.; oz. 25c.; ¼lb. 60c.; ½lb. 95c.; lb. \$1.65.

**Snowball.** 40 days. Pure white, globe-shaped. Very early. Pkt. 10c.; oz. 25c.; ¼lb. 60c.; ½lb. 95c.; lb. \$1.65.

**NOTE: All seeds on this page mailed postpaid at prices quoted**

## Rutabaga

Rutabagas should be sown in drills about 2½ feet apart, and when 3 inches high thinned out to get the greatest root-development. They need to be cultivated liberally and hilled up when about 6 inches high.

In the locality of Philadelphia and New York, the seed should be sown from July 15 to August 1.

**American Purple-Top Yellow. Special Strain.** 90 days. Roots are mostly round, with a small tap-root, yellow, with purple crown; flesh amber-colored, sweet and free from fiber; tops medium size. Pkt. 15c.; oz. 35c.; ¼lb. 75c.; ½lb. \$1.30; lb. \$2.25.

**Victory Neckless.** 85 days. Similar to American Purple-Top but having smaller tops and roots, with no neck. Pkt. 15c.; oz. 25c.; ¼lb. 60c.; ½lb. \$1.10; lb. \$1.75.

**Purple-Top Yellow. Usual Strain.** 90 days. Top is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Pkt. 15c.; oz. 25c.; ¼lb. 60c.; ½lb. 95c.; lb. \$1.50.

# VEGETABLE PLANTS AND ROOTS

Owing to existing conditions and traffic difficulties, we are unable to deliver free, orders for vegetable plants and roots under the minimum price of \$3.00 on each consignment.

## Asparagus Roots

Ready about March 20 for spring planting.

The two-year roots usually produce two years after planting. Our stock is especially fine in quality.

**Giant Washington.** 2-yr. roots, 25, \$1.50; 50, \$2.75; 100, \$4.00; 1000, \$30.00.

**Paradise.** 2-yr. roots, 25, \$2.00; 50, \$3.50; 100, \$6.00.

## Cabbage Plants Ready April 1

**Early sorts.** Coldframe plants, 100, \$1.50.

**Late sorts.** Ready July 1.

**Late Flat Dutch, Danish Ballhead and Red Dutch Drumhead varieties only.** 100, \$1.50.



# VEGETABLE PLANTS AND ROOTS, continued

**Celery Plants** *Ready in July*  
**White Plume, Giant Pascal, Winter Queen and Golden Self-blanching.** 100, \$1.50; 1000, \$11.00.

**Eggplant Plants**  
*Ready after May 15*  
**New York Improved and Black Beauty.** Pot-grown plants. Doz. \$1.25; 100, \$8.50.

**Horseradish Roots**  
*Ready in March*  
 6, 60c.; doz. 85c.; 50, \$2.25; 100, \$4.25

**Parsley Plants** *Ready in May*  
 Pot-grown plants. Doz. \$1.00; 100, \$8.00

## Rhubarb Roots

*Ready April 1 for spring planting*  
**MacDonald.** A new variety of great merit. 1 root 75c.; 2 roots \$1.45; 5 roots \$3.25.  
**Victoria.** 1 root 40c.; 2 roots 70c.; 5 roots \$1.45. Clump, large field-grown, \$1.00 each; 2 roots \$1.90; 5 roots \$4.50.

**Pepper Plants** *Ready in May*  
**Bull Nose and Ruby King** varieties. Pot-grown plants. Doz. \$1.00; 100, \$8.00.

**Sweet Potato Plants** *Ready in June*  
**Yellow and Red Nansemond.** 100, \$2.00; 1000, \$18.00. (Not less than 100 plants of a variety can be furnished.)

**Tomato Plants** *Ready after April 15*  
**Early and Late Varieties.** Pot-grown plants. Doz. \$1.00; 100, \$8.00.

## MICHELL'S SELECTED HAND-PICKED FIELD CORN

Plant 8 to 10 quarts per acre in hills for shelled Corn or for silo, or sow 1½ to 2 bushels broadcast for fodder

Our strains of Corn are not the common kinds usually found in abundance on the market. We give very careful attention to selected stock in all lines of farm seeds. This is particularly true of Field Corn where re-selection means the limit of crop with little or no increase in

cost. Our stock is selected for size of ear and fodder, uniformity of kernel, and the careful finish of the tip and butt, all of which means a considerable increase in production. Field Corn weighs **56 pounds per bushel.**

### Iowa 939 Hybrid

Maturity 100-105 days

Adapted to a wide range of conditions. Ears are cylindrical shaped; kernels somewhat rough and soft. Popular with cattle feeders because of non-flinty kernel. Qt. 65c.; pk. \$2.95; bus. \$9.25.

### Ohio C 12 Hybrid

Maturity 110-115 days

One of the newer varieties which has been giving remarkable performance records. It matures a trifle earlier than U. S. 13, produces a good-sized ear, deep grain and stiff stalk. Can be recommended as a late variety for the south central and southwestern counties as well as the lower eastern counties of Pennsylvania. For an exceptionally heavy yield, plant Ohio C 12 this year. Qt. 65c.; pk. \$2.95; bus. \$9.25.

### Ohio K 24 Hybrid

Maturity 95-100 days

The best medium early hybrid variety. Adapted to southwestern and central counties of Pennsylvania, northern New Jersey and certain sections of New York State. Produces leafy, dark green plants of medium height. Ears are medium low on stalk; 14 to 16 rows of large, fairly deep, richly colored kernels. Corn-borer resistant. Qt. 65c.; pk. \$2.95; bus. \$9.25.

### Pa. 612 Hybrid

Maturity 110-115 days

A new hybrid developed by Pennsylvania State College. In about the same maturity class as Iowa 939 and Improved Leaming. Very strong stalk; rates high in resistance to aphids and borers. Qt. 70c.; pk. \$3.10; bus. \$9.95.

### U. S. 13 Hybrid

Maturity 110-115 days

Matures about nine days later than Lancaster County Sure Crop. Medium rough, deep grains; medium tall stalk. Good silage producer throughout the eastern states. One of the highest yielding of all hybrid varieties for both grain and silage. Qt. 65c.; pk. \$2.95; bus. \$9.25.

### Lancaster County Sure Crop

Silage 90 days—Grain 100 days

The most popular variety for silage in Pennsylvania, New York and the New England states. It is adaptable to practically all climatic and soil conditions and will withstand drought. A favorite because it provides plenty of silage with rich feed value. Grows tall, leafy stalks; long ear with thin cob—high in protein, husks easily, shells well, rich yellow. Qt. 50c.; pk. \$2.10; bus. \$6.80.



Field Corn, U. S. 13 Hybrid

### Eight-rowed Yellow Flint

Grain 90 days

Grows a long ear with exactly eight rows of grain. Thin cob, grain very hard and of a deep golden color. Qt. 50c.; pk. \$2.20; bus. \$6.95.

### Improved Leaming

Silage 95 days—Grain 105 days

Known for its adaptability to most any soil and climate. Medium-sized ear with grains of rich yellow, wedge shaped. Qt. 50c.; pk. \$2.10; bus. \$6.80.

## BROOM CORN

Sow in May, about 10 pounds per acre, in drills 3 feet apart. Plants should be thinned out to stand 3 inches apart in the row.

**Evergreen.** Produces extremely straight brush retaining its green color well after ripening. Yields 1000 pounds of salable brush per acre. **50 pounds per bushel.** Lb. 40c.; 10 lbs. \$3.50.

## MICHELL'S HIGH-GRADE FARM SEEDS

### SOY BEANS

(Inoculate with LEGUME-AID)

This valuable plant enriches the ground in which it is planted by the free nitrogen gathered from the air which is deposited in the ground by the roots. Sow 1½ bushels per acre alone, or 50 pounds, in drills 2½ feet apart, during May or June. If wanted for silo it will be ready for harvest about September 1, when the pods will be well filled. **60 pounds per bushel.**

**Black Wilson.** An early-maturing (120 days) and the best all-round variety, being a heavy seed-yielder and producing high-quality hay. Lb. 25c.; 10 lbs. \$1.25; 50 lbs. \$5.00.

**Green Mammoth (Tokio).** Late. An extra-large green variety, suitable for edible purposes as well as for hay and soiling. Lb. 20c.; 10 lbs. \$1.00; 50 lbs. \$4.20.

**Lincoln.** Has a remarkable yield record. It is superior in standing ability and ranks high in quality and content of oil. Maturity 128 days. Lb. 25c.; 10 lbs. \$1.40; 50 lbs. \$5.40.

**Mammoth Yellow.** Late. Lb. 20c.; 10 lbs. \$1.10; 50 lbs. \$4.60.

**Manchu.** Early variety (110 days) which will make an extra-heavy yield of large yellow Beans, high in oil-content. An excellent variety for milling. Lb. 20c.; 10 lbs. \$1.10; 50 lbs. \$4.60.

## BARLEY

(Treat with CERESAN)

The straw is good for green feed or when cured as hay, and the grain in the hull is excellent poultry feed. If wanted for hay it should be cut while the grain-head is in a soft or milky condition. Sow broadcast 1½ to 2 bushels per acre, from April to July 1. Makes an ideal nurse crop for spring-sown alfalfa. Frequently yields 50 bushels per acre. **48 pounds per bushel.** Lb. 25c.; 10 lbs. \$1.20; 50 lbs. \$4.65.

## COWPEAS

These bring soil back to a stage of fertility; they grow in the poorest kind of soil, leaving it very rich in ammonia. Sow from May 1 to July 1, 2 bushels per acre broadcast, or 1 bushel per acre in drills. **60 pounds per bushel.**

**New Era.** A small, upright-growing variety of early maturity. Lb. 25c.; 10 lbs. \$1.50.  
**Whippoorwill.** Medium early, upright-growing variety. Lb. 25c.; 10 lbs. \$1.50.

## CANADA FIELD PEAS

Used chiefly as a very early green feed; for this purpose sow with oats about April 1, 1½ bushels of Peas and 1½ bushels of oats to the acre, drilled or broadcast. Peas sown alone, 3 bushels per acre, furnish excellent hay. **60 pounds per bushel.** Lb. 25c.; 10 lbs. \$1.50; 50 lbs. \$6.50.

## CORN, WHITE KAFFIR (For Seed)

The grain is used for feeding poultry and the fodder for cattle. Grows 4 to 6 feet high, and produces enormous crops. Can be sown as late as July at the rate of 10 pounds per acre in drills. **56 pounds per bushel.** Lb. 25c.; 25 lbs. \$2.75.

ALL PRICES SUBJECT TO MARKET CHANGES

# MICHELL'S HIGH-GRADE FARM SEED, continued

## LADINO WHITE CLOVER

Sow it for a year-round pasture. U. S. Department of Agriculture says: "Ladino is the largest growing form of White Clover. It is similar to White Dutch but grows about twice as large. Introduced from South Europe. Many farmers cut it for hay in the summer and graze it the rest of the year."

A long-lived perennial with a taproot that goes down 1 to 3 feet. The stems run on the ground, taking root. One plant covers 2 feet. The only parts available to grazing are the highly nutritious leaves and flowers which rise 12 to 20 inches in great profusion from the numerous joints.

It grows on any soil, even shallow hardpan, but does best on loam or clay where moisture is plentiful. The seed is so small it requires a firm hard seedbed, planted shallow and covered very lightly. Our seed is scarified, germinates over 90 per cent, requiring one-half as much per acre. Inoculate and sow in spring or fall, 5 pounds per acre alone, or 3 pounds in mixtures. Don't pasture until plants spread and start sending up shoots from the joints. Lb. \$3.50; 10 lbs. \$30.00.

**Wild White Clover.** This Clover is suited for soils below the fertility standard. It is perfectly hardy. Sow from 1 to 3 pounds per acre in mixture, preferably in the early spring. 1/4 lb. 75c.; lb. \$2.75; 5 lbs. \$12.50; 10 lbs. \$23.50.

**Yellow Trefoil (*Medicago lupulina*).** Also known as Yellow Clover. Recommended for use in permanent pastures because of its ability to furnish pasture during the spring months. Lb. 50c.; 10 lbs. \$4.50; 50 lbs. \$20.00.

## AUTAUGA

### Reseeding Crimson Clover

This new wonder crop has been appropriately labeled as the "South's No. 1 All-Purpose Crop." The only reseeded Clover on the market successfully adapts itself to a wide range of soils but will produce best results on a well-drained, sandy loam. First year it should be planted late enough to insure good inoculation and favorable moisture conditions for good growth. Sow at the rate of 15 to 20 pounds per acre or drill at rate of 10 to 15 pounds per acre.

Reseeding crops do not require nitrogen. Lb. \$1.25; 10 lbs. \$9.50; 50 lbs. \$45.00.

## RECLEANED CLOVERS

Clovers weigh 60 pounds per bushel

**Alfalfa, Common (*Medicago sativa*).** Non-irrigated. Sow during April and May, August and September, 25 pounds per acre, preferably alone. **60 pounds per bushel.** Lb. \$1.00; 10 lbs. \$9.00; 50 lbs. \$40.00.

**Alfalfa, Grimm.** An extremely hardy variety, less apt to winter-kill than older sorts. Heavy yielder and of deep-rooting habit. Sow 15 to 20 pounds per acre. 10 lbs. \$9.00; 25 lbs. \$21.25; 50 lbs. \$40.00.

**Alsike or Swedish Clover (*Trifolium hybridum*).** One of the hardiest and most tolerant of adverse soil conditions. Grows from 1 to 2 feet high. Sow early in the spring or early autumn, mixed with timothy, or 10 pounds per acre if alone. Lb. 80c.; 10 lbs. \$7.80; 25 lbs. \$19.00; 50 lbs. \$37.00.

**Crimson Clover (*Trifolium incarnatum*).** Used principally for soiling or green manuring. Not hardy more than one season. Height 1 to 2 feet. Sow any time from June to October, 20 pounds per acre. Lb. 50c.; 10 lbs. \$4.00; 50 lbs. \$18.00.

**Mammoth Red Clover (*Trifolium pratense* perenne).** Domestic origin. This differs from the Medium, being of a ranker growth and yielding more fodder per acre. Sow early in spring or in July and August, using 15 pounds per acre alone, or with other crops, 10 pounds per acre. 10 lbs. \$7.00; 25 lbs. \$17.00; 50 lbs. \$33.35.

## Medium Red Clover (*Trifolium pratense*).

We offer adapted seed of domestic origin only. Excellent for hay purposes, usually yielding two crops each year. Sow early in the spring or in late summer—July and August; if alone, 20 pounds per acre; if with other crops, 10 pounds per acre. 10 lbs. \$7.00; 25 lbs. \$17.00; 50 lbs. \$33.35.

**Lespedeza.** A substitute for alfalfa on poor land in the South, but has been grown successfully in the latitude of Philadelphia. Sow in spring after frost, 25 to 35 pounds per acre. **25 pounds per bushel.** Lb. 25c.; 10 lbs. \$1.50; 50 lbs. \$5.80.

**Sweet or Bokhara Clover (*Melilotus alba*).** Used either as a feed-crop or as green manure, to plow under. Grows 3 to 5 feet high, thrives on almost any soil. Sow 15 pounds per acre during spring and fall. 10 lbs. \$3.40; 25 lbs. \$8.25; 50 lbs. \$15.00.

**White Dutch Clover (*Trifolium repens*).** Choice recleaned seed. Sow 10 to 12 pounds per acre if alone, or 5 pounds if sown on old turf or with other crops. Oz. 15c.; 1/4 lb. 50c.; 1/2 lb. 95c.; lb. \$1.85; 5 lbs. \$8.75; 10 lbs. \$16.50; 25 lbs. \$38.75; 100 lbs. \$150.00.

## FLAX

This is grown for the fibre from which linen thread is made and also for the seed used in the manufacture of linseed oil. If grown for seed, sow 1 bushel to the acre from May 15 to June 15; for fibre sow 1 1/2 to 2 bushels per acre. **56 pounds per bushel.** Lb. 30c.; 10 lbs. \$2.75.

## MILLET

Can be sown as late as July 15. Desirable for green manuring or green food for stock. If used for hay, cut just as it matures.

**Hungarian.** The seed produces hay not as fine as Tennessee Golden and fully a foot less in height. It can, however, be sown some two weeks later. Sow 1 bushel per acre. **48 pounds per bushel.** Lb. 20c.; 10 lbs. \$1.50; 25 lbs. \$6.60; 50 lbs. \$12.00.

**Barnyard.** Frequently as high as 12 tons of green feed have been obtained from an acre. If sown early in May, it may be cut twice in one season. Sow 12 pounds per acre broadcast, any time from May 1 to June 15. **35 pounds per bushel.** Lb. 20c.; 10 lbs. \$1.50; 25 lbs. \$6.60; 50 lbs. \$12.00.

**Tennessee Golden.** Requires a longer season to mature. Produces very fine hay and makes a larger seed-head. Sow 1 bushel broadcast to the acre from April 10 to July 10. **50 pounds per bushel.** Lb. 20c.; 10 lbs. \$1.50; 25 lbs. \$6.60; 50 lbs. \$12.00.

## SEED OATS

They are large, plump, free from weed seeds or other foreign substance, and of high vitality. Sow at the rate of 2 1/2 to 3 bushels per acre alone or 1 1/2 bushels with peas during April for best results. **32 pounds per bushel.**

**Swedish or Washington.** The long, erect straw is noted for its ability to stand up in rough weather. Grains are very plump and nearly pure white. Lb. 25c.; 10 lbs. \$1.40; 50 lbs. \$4.75.

**Clinton.** Highly resistant to rust and smut. Heavy yield per acre. Extra strong straw, early maturing, not apt to sprout in shock; superb yields. For best results do not sow more than two bushels per acre. Lb. 30c.; 10 lbs. \$1.50; 50 lbs. \$5.00.

## RAPE

**Dwarf Essex.** This can be pastured 8 weeks after sowing. Sow 6 pounds per acre broadcast, from April 1 to October 1. It produces enormous crops and is an ideal green manure. **50 pounds per bushel.** Lb. 35c.; 10 lbs. \$3.00; 50 lbs. \$12.00.

## RYE (For Seeding)

**Abruzzi.** This is a strain of Rye which came originally from Italy. It has the reputation of starting off more vigorously in both fall and spring, and consequently is sometimes recommended where a cover crop or pasture is the primary object. **56 pounds per bushel.** Lb. 20c.; 10 lbs. \$1.20.

**Spring.** An excellent early green feed, or for pasture. The grain is used for feeding and other purposes, making a larger yield than Winter Rye. Sow from May 1 to June 1, 1 1/2 bushels to the acre. **56 pounds per bushel.** Lb. 20c.; 10 lbs. \$1.25; 50 lbs. \$4.85.

**Rosen Winter.** Winter Rye will not mature if sown in spring. Lb. 20c.; 10 lbs. \$1.15.

## SUGAR-CANE · SORGHUM

**Early Amber.** The seed can be threshed out of the stalks and used as poultry feed. A tremendous producer, often growing 12 feet high. It stands hot, dry weather and can be cut several times in one season. Sow 25 pounds of seed to the acre in drills 3 1/2 feet apart; 1 to 2 bushels broadcast. **50 pounds per bushel.** Lb. 25c.; 10 lbs. \$1.25; 50 lbs. \$5.80.

## SUNFLOWER

**Mammoth Russian.** This makes an excellent poultry feed for winter use. Will yield as high as 60 bushels per acre. Sow 10 quarts per acre, in drills 3 feet apart, dropping the seed about every 4 inches. Lb. 40c.; 10 lbs. \$3.00; 50 lbs. \$14.00.

## SUDAN GRASS

An annual, and must be sown each year. Will yield from 2 to 4 tons per acre. Sow in drills, or broadcast, 16 to 24 pounds per acre. Thrives well in a season of drought. **40 pounds per bushel.** Lb. 40c.; 10 lbs. \$2.25; 50 lbs. \$10.50.

## TIMOTHY

If sown alone it requires 25 pounds to seed an acre; if sown with wheat, 12 to 15 pounds are the usual quantities. **45 pounds per bushel.** Lb. 45c.; 10 lbs. \$3.30; 25 lbs. \$7.75; 100 lbs. \$28.50.

## VETCHES · TARES

**Winter (*Vicia villosa*).** Sometimes called Sand or Hairy Vetch. Sow broadcast from August 1 to October 1 at the rate of 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or when in flower cut for hay. **60 pounds per bushel.** Lb. 50c.; 10 lbs. \$4.00; 50 lbs. \$16.50.

**Spring (*Vicia sativa*).** It is not hardy and must be sown in the spring, in May or June, 1 to 2 bushels per acre if broadcast, and 1 bushel if in drills, with either spring wheat, spring rye or oats for support. **60 pounds per bushel.** Lb. 30c.; 10 lbs. \$2.00.

## BUCKWHEAT

In the locality of Philadelphia this is sown any time from June 1 to July 15, one bushel broadcast to the acre. Makes a very fine quality of flour and is also largely used for poultry feed. Frequently yields 80 bushels to the acre. **48 pounds per bushel.** 5 lbs. 40c.; 25 lbs. \$2.00.

## SPRING WHEAT

**Marquis.** A favorite sort in this locality, early, prolific, and vigorous. It often produces 50 bushels per acre. Sow in April or May, 1 1/2 to 2 bushels per acre, broadcast or in drills. **60 pounds per bushel.** 5 lbs. 85c.; 25 lbs. \$3.25.

Seamless sacks used in shipping farm seeds in large quantities are charged for at 60c each; returnable at price charged if in good condition and prepaid.

Prices on Farm Seeds in larger quantities than listed will be quoted on application.

ALL PRICES SUBJECT TO MARKET CHANGES

# Michell's Hardy Garden Roses

## GENERAL LIST OF HYBRID TEAS—Monthly Blooming

Dormant Stock can be shipped up to May 1. Each \$1.25; doz. \$13.75

Roses marked with asterisk will be supplied in pot-grown plants during May and June.  
Each \$1.75; doz. \$20.00

**CALEDONIA.** Large, very double, high-centered flower of pure white, borne singly on long, strong stem. Average plant; leathery, dark green foliage.

\***CHRISTOPHER STONE.** Bright velvety scarlet-red flowers of good form. Its golden stamens appear as the bloom opens. Damask fragrance. Vigorous, upright grower, free flowering, and does not appear to be troubled by heat. Pot-grown, each \$1.75.

**CONDESA DE SASTAGO.** Cupped flowers of fiery copper inside and rich gold on the reverse. Enticing raspberry fragrance. Vigorous plants.

**CROWN OF GOLD.** Golden yellow flowers of very fine form, lasting exceptionally well under trying hot conditions. One of the best yellows.

\***ETOILE DE HOLLANDE.** Large crimson flowers with velvety finish and especially fine fragrance. Branching plants with very large, healthy foliage. One of the finest red Roses. The very large, fragrant flowers are superb in the half-open state. Pot-grown, each \$1.75.

**GOLDEN SASTAGO.** Buttercup-yellow. Strong grower.

**GOLDEN RAPTURE.** Golden yellow. Buds pointed; flowers very large, clear golden yellow with old Rose fragrance. Foliage large and glossy.

**GRENOBLE.** Long-stemmed, scarlet-red bloom, admirable for cutting. Large, double Rose.

\***KAISERIN AUGUSTE VIKTORIA.** Creamy buds and perfect, snow-white blooms tinted lemon-yellow at center; fragrant. Medium, upright growth. Pot-grown, each \$1.75.

**LOS ANGELES.** Lovely buds and exquisite flowers of salmon-pink, with yellow shadings. Sweetly perfumed.

\***MCGREDY'S IVORY.** Lovely large flowers of beautiful double form. The color is soft delicate creamy white merging into yellow at the base. Pot-grown, each \$1.75.

\***MRS. E. P. THOM.** Slender yellow buds and large, well-shaped blooms of bright canary-yellow, deepest in center. Blooms very freely. Pot-grown, each \$1.75.

\***MRS. P. S. DU PONT.** A golden yellow Rose that blooms more than any other golden yellow. Fragrant, double flowers. Pot-grown, each \$1.75.

**PINK DAWN.** A handsome deep rose-pink flower, opening to lively pink with an orange base; sweetly fragrant. Vigorous, upright, habit. One of the best modern pink Roses.

\***POINSETTIA.** Lovely, well-formed, long buds and vividly colored flowers of poinsettia-scarlet, which suggested the name. Pot-grown, each \$1.75.

**PRESIDENT MACIA.** Very long bud of a lovely shade of pink, with heavy veins of darker pink, on a splendid stem for cutting. When open, the face of the petals is pale flesh, warmed with a yellow flush toward the base, the reverse the rich pink of the buds. Fruity scent.

\***PRESIDENT HERBERT HOOVER.** The flowers are a charming combination of cerise-pink, flame, scarlet and yellow with broad, thick petals; very fragrant. The clean, handsome foliage is an added attraction. Pot-grown, each \$1.75.

\***RADIANCE.** The two-tone pink, cupped flowers have a pungent, true Rose fragrance. In continuous demand on account of its vigorous, healthy growth and freedom of bloom. Pot-grown, each \$1.75.

\***RED RADIANCE.** Counterpart of Radiance from which it is a sport, possessing all of the good points of that variety, but differing in color, which is bright cerise-red. Pot-grown, each \$1.75.

\***SOEUR THERESE.** Candelabras (not clusters) of five to fifteen flowers forming on top of sturdy canes that hold the blooms erect. Buds are marked with carmine but the open blooms are clear yellow. Pot-grown, each \$1.75.

\***TALISMAN.** The combination of apricot, gold, and deep rose-pink makes it a glittering mass of color over a long period. Pot-grown, each \$1.75.

\***THE DOCTOR.** One of the best; a variety which will be greatly sought when better known. The buds, long and pointed, expand to a simply enormous bloom. The color is an exquisite silvery pink, uniform in both bud and open flower. Fragrance is intense. Pot-grown, each \$1.75.

## FLORIBUNDA ROSES Large-Flowering Polyantha Varieties

Dormant Roses will be shipped up to May 1. Each \$1.50; doz. \$17.00, except where noted.

Roses marked with asterisk will be supplied in pot-grown plants during May and June.

**BRIGHT EYES.** Patent applied for. A fine new yellow Floribunda. As the canary-yellow buds expand, the color alters to a silvery yellow near the petal margins.

**CECILE BRUNNER IMPROVED.** Patent 851. Charming light pink flowers, yellow at base. Dainty in size and lovely in color.

**CRIMSON ROSETTE.** Patent 901. Clusters of brilliant red Roses cover the dark green, heavy-foliaged bushes in a continuous display of velvety red. Each \$1.75.

\***FLORADORA.** Bright cinnabar with shades of scarlet and geranium-red. It can only be matched by the most brilliant azaleas which bloom for two weeks in the spring while the vivid, exciting blooms of this new Rose are borne continuously for five months. Pot-grown, each \$2.00.

\***FASHION.** Patent 789. The bud is peach with a yellow overcast and the flower finishes a beautiful coral. The half-open flowers are deep coral inside. Each \$2.00; pot-grown, each \$2.50.

**MING TOY.** Patent 900. A new Polyantha Rose. The fifty or more petals are so precisely placed that the high-centered, brilliant rose flowers may be fairly compared with the finest camellias in form. Rugged and healthy, blooming constantly.

**PINK ROSETTE.** Patent 902. The open sprays bearing many pure peach-pink buds with fifty or more shell-like petals, are streamlined and unfold to open flowers of perfect proportion and form. Each \$1.75.

**ROSENELFE.** Graceful clusters of dainty La-France-pink flowers superbly suited for cutting and table ornament. The handsomely shaped, small buds lend themselves to any kind of decoration.

**WHITE FINCH.** Patent 277. The fine clusters of flowers are pure white. Especially valuable for contrasts such as in combination with Ming Toy or Floradora.

*Spray your Roses with TRI-GEN. Complete protection against plant insects and diseases.*



© Floribunda Rose, Fashion

# MONTHLY-BLOOMING PATENTED HYBRID TEA ROSES

## Including The TOP TEN ALL-AMERICA WINNERS of All Time

Dormant Stock can be shipped up to May 1. Each \$1.75; doz. \$20.00, except where noted

\*Roses marked with asterisk will be supplied in pot-grown plants during May and June. Each \$2.25; doz. \$25.00, except where noted

**BUTTERSCOTCH.** Patent 613. The length and grace of the petals are outstanding. Outside is pale orange-yellow; inside lemon-chrome at base, changing to pale yellow-orange, penciled lightly with orange-buff.

**CAPISTRANO.** Patent 922. Beautiful glowing rose-pink in both bud and open flower. Never fades or changes color. Extremely vigorous and delightfully fragrant. Each \$2.00.

**\*CHARLOTTE ARMSTRONG.** Patent 455. Long, slender, rose-red buds open to extra-large blooms of deep, glowing rose, sometimes very dark rose-red. Handsome, upright plants with long, strong flower stems. Pot-grown, each \$2.25.

**CRIMSON GLORY.** Patent 105. Glorious in its perfect form, its size, and its fragrance. Deep vivid crimson, shaded ox-blood-red and flushed with a velvety nap. Flowers late into the fall.

**\*FORTY-NINER.** Patent 792. This brilliantly bicolored Rose has rich chrome-yellow on the outside of the petals, sometimes overlaid with pink changing to straw color in the open bloom. The inside is vivid Orient red turning to cherry-red with age. Each \$2.00; pot-grown, each \$2.50.

**HEART'S DESIRE.** Patent 501. In this new Gold Medal variety your heart's desire for a red Rose bordering on perfection will be attained. Large and double, with wonderful fragrance.

**\*KATHERINE T. MARSHALL.** Patent 607. This sparkling, warm pink Rose comes on magnificent, erect-growing, very hardy plants with profuse, dark green foliage. The large, cupped flowers have heavy petals of coral-pink, with a golden glow at the base of each. Fruity fragrance. Pot-grown, each \$2.25.

**\*LOWELL THOMAS.** Patent 595. The 25-petaled, lemon-chrome blooms open from beautiful buds and have high-cupped centers, the glowing flowers over 4 inches across when open. They have a slight tea fragrance. The plants are upright in growth with strong, erect stems and large, lustrous green foliage. Pot-grown, each \$2.25.

**\*MIRANDY.** Patent 632. Large, very double, rich maroon-red blooms. Among the finest red Roses in the world. The plant is strong, free branching, with heavy, stout stems, and keeps producing its glorious flowers freely all season. Pot-grown, each \$2.25.

**MISSION BELLS.** Patent 923. Deep glowing salmon opening to brilliant clear shrimp-pink. Full-centered flowers, 5½ inches across when fully open. Very vigorous and free branching, blooming freely. Each \$2.00.

**\*NOCTURNE.** Patent 713. Cardinal-red shaded crimson—a rich, glowing color. Large, cupped flower, long pointed in the bud stage. A very strong, upright grower to 3 or 4 feet. Blooms freely all summer. Pot-grown, each \$2.25.

**\*PEACE.** Patent 591. Very large, full-petaled flowers of soft yellow suffused and edged pink. Distinctive and charming. A much-sought-for Rose. Each \$2.00; pot-grown, each \$2.50.

**\*RUBAIYAT.** Patent 758. Brilliant ruby-red or cerise-pink, with reverse lighter. Color is darker in the fall. It has a graceful, long bud and a wealth of old-Rose fragrance. Pot-grown, each \$2.25.

Spray your Roses with Tri-ogen. Complete protection against plant insects and diseases.

**\*SAN FERNANDO.** Patent 785. Glowing currant-red. Beautiful form in bud and bloom; unusually heavy texture. And fragrant! If you have been wishing for more fragrant Roses, try San Fernando. Each \$2.00; pot-grown, each \$2.50.

**SANTA ANITA.** Patent 539. A lovely Rose. Perfectly formed, long-pointed buds unfold into beautiful flowers of crystal-clear peach-blossom-pink.

**SLEIGH BELLS.** Patent applied for. At last, a white Rose that really grows and blooms and blooms and blooms. The large, ovoid buds are borne singly on long stems and are produced freely. Flowers open gradually into blooms of great size, with 40 or more petals of heavy substance, and are lovely in all stages. Each \$2.00.

**\*SUTTER'S GOLD.** Patent 885. Long-pointed, yellow bud richly shaded coppery red, becoming a superb yellow Rose with coppery veins. Very strong and free blooming. Fragrant. Good foliage. Winner of the Foreign Gold Medal, Paris. Each, \$2.00; pot-grown, each \$2.50.

**\*TALLYHO.** Patent 828. The robust-growing Tallyho has a unique color—a delightful shade of pink on the inside of the petals, while the outside varies from crimson to cardinal-red. Each \$2.00; pot-grown, each \$2.50.

All of our Roses are grafted plants. In planting set the plant so that the graft is one inch below the surface. If any growth breaks from below the surface cut it off.

Pack the soil firmly around the roots and keep well watered until plants are established. Well rotted cow manure is an ideal fertilizer for Roses and several applications should be raked in the soil during the growing season.

## Hardy Climbing and Rambler Roses

On the Ramblers, or small-flowered cluster type, the old canes should be removed at the base as soon as they finish blooming and the new canes trained into place for next year's bloom.

Dormant plants until May 1, each \$1.50, except where noted

Roses marked with asterisk will be supplied in pot-grown plants during May and June.

**\*Blaze.** Scarlet-crimson blooms. Blooms repeatedly during the season after the plant becomes well established. Each \$1.75; pot-grown, each \$2.25.

**\*Doubloons.** Patent 152. A lovely climbing yellow Rose, noted for hardiness and vigorous, healthy growth, and furnished with dark green, leathery foliage. The shapely buds open to large, firm-textured blooms of saffron-yellow with spicy fragrance. Each \$1.75; pot-grown, each \$2.25.

**Easlea's Golden Rambler.** Patent 114. This is without question the most outstanding yellow climbing Rose. The blooms are arranged in large clusters enhanced by pleasing rich fragrance.

**Mme. Gregoire Staechelin (Spanish Beauty).** A vigorous grower, with good foliage. Shapely, semi-double, fragrant flowers of an iridescent pink tipped with crimson.

**\*New Dawn.** Blush-pink, everblooming. Each \$1.75; pot-grown, each \$2.25.

**\*Paul's Scarlet Climber.** No other Rose in any class can compare with it for brilliancy of color, which is a vivid scarlet maintained without burning or bleaching until the petals fall. Pot-grown, each \$2.00.

**Silver Moon.** Midseason white. Great silvery white, semi-double blooms, with a foil of dark leathery foliage.

## Everblooming Climbing Hybrid Tea Roses

These bear huge crops of Hybrid Tea flowers all season. Gems everywhere if they can be grown in a sheltered spot or given winter protection according to the climate. Dormant plants, each \$1.75, except where noted

Roses marked with asterisk will be supplied in pot-grown plants during May and June.

**Cl. Edna Thomas.** Rose-pink.

**Cl. Gold Rush.** Handsome yellow.

**Cl. Hadley.** Crimson-red.

**Cl. K. A. Viktoria.** White.

**\*Cl. Peace.** Patent 932. Soft yellow edged pink. Each \$2.00; pot-grown, each \$2.50.

**\*Cl. Talisman.** Rose and gold. Pot-grown, each \$2.25.

## PLANT MINIATURE ROSES

Miniature Roses are perfectly hardy and need no more care than other Roses. All they ask is good soil, good drainage and a sunny spot. They bloom from early summer until frost and look well in beds as border plants or in the rock garden.

**Pixie.** Patent 408. The world's smallest double white Rose. It is very double, with 40 or more tiny petals marvelously packed in each little bloom. In cool weather they show a dainty flush of pink. Each 90c.

**Rouletti.** Small, rose-pink, double flowers about an inch in diameter. Each 90c.

**Red Elf.** Patent 973. The richest and deepest of them all—a velvety Bordeaux-red showing a bit of white at the base of the petals when the blooms are fully expanded. Each \$1.25.

**Sweet Fairy.** Patent 748. New. True Rose fragrance. Dainty, dark pink buds open to charming, very double, 1-inch blooms of apple-blossom-pink. Each 90c.

**Tom Thumb.** Patent 169. Deep crimson buds growing slightly lighter as the blooms open, later disclosing a white eye. Each 90c.



# Greenhouse Type Mums

These are the early, large-flowering florist varieties. They can be grown like any other Mum but should be disbudded and staked if extra large individual blooms are desired. On frosty nights protect them with a cloth cover.

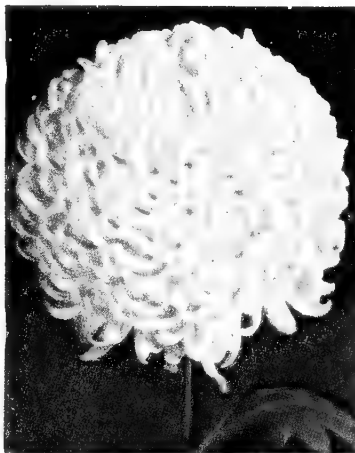
**All Greenhouse MUMS Shown Here**  
**Each 50c.; 3 for \$1.40; 10 for \$4.00**



**GOLD LODGE**



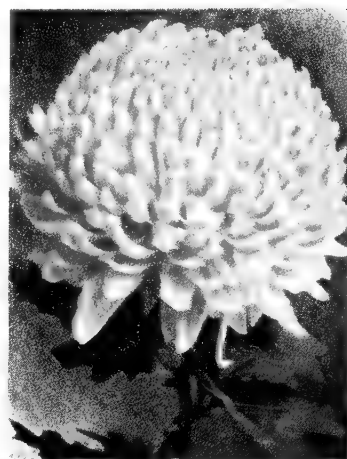
**OCTOBER ROSE**



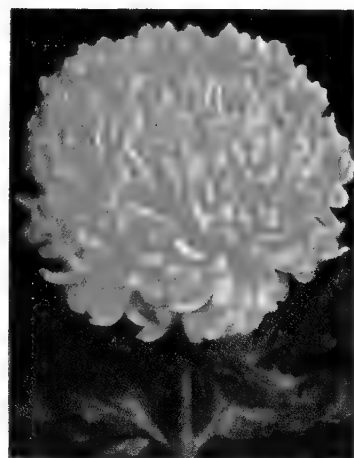
**SILVER SHEEN**



**HILDA H. BERGEN**



**MAJOR BOWES**



**MRS. H. E. KIDDER**

## COLLECTIONS

6 MUMS, 1 each of the six shown here . . . **\$2.75**  
 18 MUMS, 3 each of the six shown here . . . **7.75**  
 36 MUMS, 6 each of the six shown here . . . **15.00**

## Hardy Miniature Roses

For borders, rock gardens and window boxes. Plant in a sunny spot in well-drained garden soil to have a profusion of flowers all summer.

**Pixie.** The world's smallest double white Rose. **Each 90c.; 3 for \$2.60.**

**Rouletti.** Double, rose-pink flowers about an inch in diameter. **Each 90c.; 3 for \$2.60.**

**Sweet Fairy.** Double, 1-inch blooms of apple-blossom-pink. **Each 90c.; 3 for \$2.60.**

**Tom Thumb.** Tiny flowers of rich crimson. **Each 90c.; 3 for \$2.60.**

## COLLECTIONS

4 Miniature Roses, 1 each, four shown here, **\$3.50**  
 12 Miniature Roses, 3 each, four shown here, **\$10.00**  
 24 Miniature Roses, 6 each, four shown here, **\$19.50**



**ROULETTI**

**Each 90c.; 3 for \$2.60**

**PIXIE**

**Each 90c.; 3 for \$2.60**



**SWEET FAIRY**

**Each 90c.; 3 for \$2.60**

**TOM THUMB**

**Each 90c.; 3 for \$2.60**



# Michell's Hardy Decorative Flowering Shrubs



*Forsythia intermedia spectabilis*

**ABELIA grandiflora.** Bush Arbutus. Small shrub of graceful habit, flowering continuously from July until frost. The blooms are small, tubular, white, shaded pink, and are borne in clusters, forming a pleasing contrast with the shiny, almost evergreen foliage. 15 to 18 in., each \$3.00.

**ALTHÆA (Hibiscus).** Rose of Sharon. These thrive almost anywhere, producing bloom from July till September. 2 to 3-ft. Pink, Red or White. Each \$1.25.

## Azaleas

A family of dwarf, bushy shrubs bearing a great profusion of flowers in the spring. Very useful for planting in the shady border or in groups by themselves. Succeed best in a partially shaded position.

**Amœna.** An evergreen variety, literally covered with masses of rosy crimson flowers in late spring.

**Hinodegiri.** Another evergreen variety and one of the best, bearing fiery red, single flowers in great profusion. Very desirable on account of its color.

**Pink Pearl.** Semi-double flowers of a lovely shade of salmon-rose, shaded lighter in center; blooms in quite large clusters.

All Azaleas, 8 to 10 in., each \$2.75

**BEAUTY-BUSH.** See *Kolkwitzia*.

**BRIDAL WREATH.** See *Spiræa prunifolia*.

**BUDDLEIA, Charming.** Butterfly-Bush. Long sprays of lavender-pink flowers. 18 to 24 in. Each \$1.25.

**B., Ile de France.** Long panicles of dark purple, fragrant flowers. 18 to 24 in. Each \$1.25.

**CALLICARPA purpurea.** Beauty-Berry. A beautiful shrub, growing about 3 feet high, covered in August with tiny pink-tinted flowers, followed in late September by violet-purple berries. 2 to 3 ft., each \$1.50.

**CALYCANTHUS floridus.** Sweet Shrub. Chocolate-colored, double flowers, with a peculiarly agreeable odor. Blooms in June. 18 to 24 in., each \$1.50.

**CERCIS canadensis.** Judas Tree or Red-bud. A medium-sized tree with large, irregular head and perfect heart-shaped leaves. The profusion of delicate reddish pink blossoms with which it is covered in early spring before the foliage appears makes it one of the finest ornamental trees. 2 to 3 ft., each \$2.00.

**CLETHRA alnifolia.** Sweet Pepperbush. Shrub of low, dense growth with numerous spikes of small, white, fragrant flowers in July. Desirable for moist places or along water edges. 18 to 24 in., each \$2.00.

**CORALBERRY.** See *Symphoricarpos vulgaris*.

**CYDONIA japonica.** Flowering Quince. This shrub is a beautiful sight in early spring when covered with cherry-red flowers about the size of an apple-blossom. Especially desirable as a specimen shrub for the lawn. Extra-strong, 18 to 24-in. plants, each \$1.50.

**DEUTZIA, Pride of Rochester.** Perhaps the best known and most popular of all the Deutzias. It makes a tall, wide-spreading bush, covered with a cloud of large, double, fringed pink and white flowers in June. 2 to 3 ft., each \$1.50.

**D. gracilis.** Heavily laden with snow-white flowers in May. 15 to 18-in., each \$1.25.

**FLOWERING ALMOND.** See *Prunus*.

**FORSYTHIA intermedia spectabilis.** Strong, tall-growing shrub with very large flowers completely covering the stems. Most profuse bloomer of all. Each \$1.50.

**F. suspensa.** Graceful, drooping tendency. Frequently planted on banks and slopes. Beautiful specimens or in masses. Each \$1.75.

**F. suspensa Fortunei.** Golden Bells. Yellow. Each \$1.50.

**F. viridissima.** Green-stem Forsythia. Each \$1.50.

**HYDRANGEA arborescens grandiflora.** Hills-of-Snow. Attains a height of 4 to 5 feet. Bears beautiful large heads of snow-white flowers in July and August. Should be pruned severely in spring. Will do well in shade. Each \$1.50.

**H., Otaksa.** Adapted for seaside planting. If soil is acid, the color will be a good blue, but if alkaline the color invariably comes pink. Protect in severe weather in much the same way as roses are protected. 2 yrs. old, each \$2.25.

**H. paniculata grandiflora.** Peegee Hydrangea. A widely planted shrub with huge conical heads of flowers that turn pink as they age. Prune severely in the spring for largest flowers. Grows to 5 or 6 feet. Each \$1.50.

**KERRIA japonica fl. pl.** An unusually attractive shrub with showy golden yellow, double flowers in May and June. The smooth, bright green branches are especially effective in winter. 2 to 3-ft. plants, each \$1.50.

**KOLKWITZIA amabilis.** Beauty-Bush. A handsome new ornamental shrub from China, resembling the weigela and honeysuckle, to which it is allied. Grows 6 to 8 feet high at maturity, with long, arching branches covered with pale pink, bell-shaped flowers in June. One of the most outstanding shrubs. Strong 2 to 3-ft. plants, each \$1.75.

**PHILADELPHUS coronarius.** A vigorous grower, adapted to either full sunlight or partial shade. Each \$1.50.

**P. virginialis.** Virgin Mock-Orange. Large, semi-double white flowers in great profusion and very fragrant. 7 to 8 ft. 2 to 3-ft. plants, each \$1.50.

**PRUNUS glandulosa alba fl.-pl.** Double White-flowering Almond. Erect, slender branches covered in May with small, very double, fragrant white flowers. 18 to 24 in., each \$1.50.

**P. glandulosa rosea fl.-pl.** Identical with the above, but bearing pink flowers. 18 to 24 in., each \$1.50.

**REDBUD.** See *Cercis*.

**ROSE OF SHARON.** See *Althæa*.

**SNOWBALL.** See *Viburnum*.

**SNOWBERRY.** See *Symphoricarpos racemosus*.

**SPIRÆA, Anthony Waterer.** The well-known rosy pink Spirea. Each \$1.25.

**S. prunifolia.** Bridal Wreath. Dense shrub bearing a profusion of white flowers. 2 to 3-ft. plants, each \$1.25.

**S. Vanhouttei.** Easy to grow in any location. Pure white. Each \$1.50.

**SWEET SHRUB.** See *Calycanthus*.

**SYMPHORICARPOS racemosus.** Snowberry. Rose-pink flowers in summer; branches full of white berries in the fall. 2 to 3 ft. Each \$1.25.

**S. vulgaris.** Coralberry. Greenish red flowers and clusters of dark purplish red berries. 2 to 3 ft. Each \$1.25.

**SYRINGA vulgaris.** Old-Fashioned Purple Lilac.

**S. vulgaris alba.** Old-fashioned White Lilac.

All Syringas, 2 to 3 ft., each \$1.50

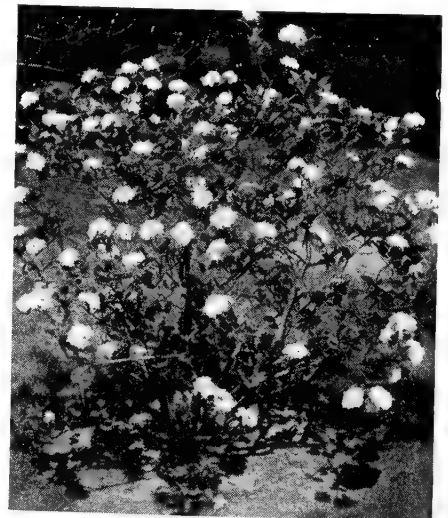
**VIBURNUM Burkwoodi.** Improved Carlesii. Waxy bluish-white and delicately fragrant. The flowers of this new Viburnum are produced in the early spring. 15 to 18 in., each \$4.50.

**V. tomentosum plicatum.** Snowball. A desirable shrub that should be in every garden or on the lawn. Perfectly hardy. Blooms in June. Extra-fine 18 to 24-in. plants, each \$1.75.

**VITEX macrophylla.** Chaste Tree. Lilac-colored flowers in August and September. 2 to 3 ft., each \$1.50.

**WEIGELA, Eva Rathke.** Of erect form and vigorous habit. Deep carmine-red flowers. 18 to 24-in. plants, each \$1.50.

**W. rosea.** Remarkably showy flowers. Numerous spreading branches and dark green leaves. The rose-colored blooms are produced in great abundance. 2 to 3-ft. plants, each \$1.50.



*Viburnum Burkwoodi*

# Michell's Choice Bedding Plants

**PLEASE NOTE.** These plants do not ship satisfactorily by mail.

On all orders for Bedding Plants please note 6 plants of any variety or color is the minimum quantity for delivery by Railway Express or Local Truck.

Add 10 per cent to your order to cover delivery if less than \$3.50 value.

Small quantities will be available at our Store on a cash-and-carry basis during the planting season at especially established prices.

## Special Notice on Guarantee

We spare no effort to supply all Plants, Shrubs, Roses, Vines, etc., of the best quality. The many causes beyond our control do not permit us to guarantee the life of this stock. That is entirely within the power of the buyer or planter. However, we will gladly replace any plant or shrub damaged in transportation if the Railway Express receipt is marked "damaged" and returned to us.

## Ageratum • Floss Flower

**Michell's Blue Boy.** Extra dwarf. The growth is uniform and even, 4 inches high, completely covered with flowers of the richest shade of blue. Doz. \$3.00; 100, \$22.50.

## Alternanthera

Very useful for carpet bedding. Grows best in warm, sunny situations.

**Versicolor.** Red.

**Aurea.** Yellow.

All Alternanthera, doz. \$2.00; 100, \$15.00

## Alyssum

**Michell's Bouquet.** 4 in. Pure white flowers on dwarf, compact plants. Doz. \$2.50; 100, \$18.00.

## Antirrhinum • Snapdragon

**Nanum grandiflorum (Semi-Dwarf) Rust-proof.** 2½ ft. A selected mixture in Red, Yellow, Pink, Orange and White. Doz. \$3.00; 100, \$22.50.

## Asters

**Giant Branching.** 2½ ft. A useful plant for the border and for cutting. Offered only in mixture of White, Pink, Crimson, and Blue. Doz. \$2.50; 100, \$18.00.

## Begonias, Fibrous-rooted

**Gracilis luminosa.** 1 ft. A popular variety with bronzy red foliage and brilliant scarlet flowers.

**Prima Donna.** 1 ft. Lovely rose-colored flowers shading to carmine.

All Begonias, 4-in. pot-plants, doz. \$6.00

## Cannas (Pot Grown)

**City of Portland.** 4 ft. A glowing pink. Foliage green.

**King Humbert.** 4½ ft. Its majestic growth is enhanced by its massive trusses of copery scarlet flowers. Foliage is deep bronze.

**The President.** 4 ft. Rich glowing scarlet. Green foliage.

**Yellow King Humbert.** 4½ ft. Masses of golden yellow flowers, dotted red. Green foliage.

All Cannas, doz. \$6.00; 25 for \$12.00

## Coleus

**Golden Bedder.** Rich canary-yellow foliage.

**Queen Victoria.** Red foliage with yellow edge.

**Verschaffelti.** Dark crimson foliage.

**Rainbow Mixture.** An excellent mixture of all colors and markings.

All Coleus, doz. \$2.50; 100, \$18.00

## Dracaena

**Indivisa.** Graceful, narrow green leaves. Suitable for urns and window boxes. 4-in. pots, each \$1.25; 6-in. pots, each \$2.50.

## Geraniums

**Beaute Poitevine.** Salmon-pink; very double.

**Mme. Landry.** A real coral color. Compact habit.

**Rose-scented.** The old-fashioned sweet-scented variety.

**Ricard.** Enormous, bright scarlet flowers during the entire season.

All Geraniums, 4-in. pot-plants, 3 for \$1.75; doz. \$6.00; 25 for \$12.00

## Heliotrope • Cherry Pie

18 in. A general favorite because of its fragrance. Doz. \$6.00; 100, \$45.00.

## Lantana

2 ft. A very desirable bedding plant because of its bright orange and pink shades, flowering continuously summer and fall. Doz. \$6.00; 100, \$45.00.

## Lobelia

**Compacta.** 4 in. The ideal edging plant. Blue flowers. Doz. \$3.00; 100, \$22.50.

## Marigold

### TALL AFRICAN VARIETIES

**Alldouble Orange.** *Originator's Stock.* 3 ft. This new variety will produce a large percentage of double flowers of a bright orange shade.

**Alldouble Lemon.** 3 ft. Fine clear yellow, all double flowers.

**Guinea Gold.** 3 ft. Color clear orange, flushed with gold.

**Yellow Supreme.** 3 ft. Broad, loose, frilled petals, similar to Guinea Gold, of a rich creamy lemon-yellow color.

### DWARF DOUBLE FRENCH VARIETIES

**Melody.** 1 ft. Golden yellow. Harmony type flowers.

**Spry.** Extra dwarf; very compact and uniform habit about 9 inches tall with very light orange-crested center and maroon outer petals.

All varieties of Marigolds, doz. \$3.00; 100, \$22.50

## Moon Vine

**Ipomoea noctiflora.** A pure white variety blooming toward evening and in the forenoon. The flowers are frequently 6 inches in diameter. 3 for \$1.50; doz. \$5.50.

## Fringed Petunia

**Michell's Gay Lady.** The plants are very compact and erect, growing 8 to 10 inches tall, and when in full bloom form a compact mat of color. The color-range is a combination of pink and white to red and white. Doz. \$4.00; 100, \$30.00.

## Petunias

### SINGLE PLAIN-EDGED VARIETIES

**Michell's Dwarf Elk's Pride.** 8 in. A really dwarf type of this popular Petunia in which the straggly habit is entirely lacking. The color is the well-known royal purple.

**Rose of Heaven.** 8 in. Rich, brilliant rose color.

**Rosy Morn.** 10 in. Dwarf, bushy plants, bearing in great profusion brilliant rose-colored flowers with a white throat.

**Silver Blue (Heavenly Blue).** 10 in. Makes a fine bedding variety combined with Rosy Morn.

**Snowstorm.** 10 in. A fine large-flowering pure white variety. Very free bloomer. Good as a pot-plant and for bedding.

All above Petunias, doz. \$3.00; 100, \$22.50

## Phlox Drummondii

**Gigantea Art Shades, Mixed.** A strain with flowers, 1¼ to 1½ inches in diameter, in many pleasing art shades. Plants grow about 9 inches high. Doz. \$3.00; 100, \$22.50.

## Salvia • Scarlet Sage

**America (Globe of Fire).** 2 ft. Dwarf, bushy, compact grower and very uniform in height and shape. 3-in. pots, doz. \$3.00; 100, \$22.50. 4-in. pots, doz. \$5.00; 100, \$40.00.

## Verbena

**Dwarf Upright.** The individual florets have distinct eyes and the color-range is a choice mixture of bright shades. 8 in. Doz. \$3.00; 100, \$22.50.

## Vinca

**Major variegata.** A trailing plant used for hanging-baskets and window-boxes. Green foliage, mottled white. 3-in. pots, each 35c; doz. \$4.00. 4-in. pots, each 75c; doz. \$8.50.

## Vinca rosea • Madagascar Periwinkle

**Alba.** 1½ ft. White, with rose eye.

**Alba pura.** 1½ ft. Pure white.

**Rosea.** 1½ ft. Rose with dark eye.

All above Vincas, doz. \$4.00; 100, \$30.00

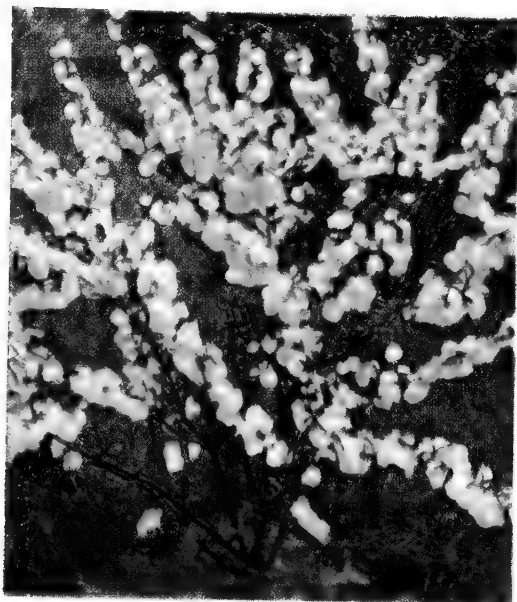
## Zinnias

**Michell's Giant Dahlia-flowered, Mixed. Elegans, Lilliput.**

All Zinnias, doz. \$2.50; 100, \$18.00

# MICHELL'S *Flowering Trees* and

## SHRUBS



**PINK-FLOWERING ALMOND**

### **PINK-FLOWERING ALMOND** (*Prunus glandulosa*)

A beautiful small shrub bearing an abundance of small, double, rose-like flowers in early spring. Grows 4 to 6 feet high and is hardy over practically the whole country. **18 to 24 in., each \$1.50.**

### **ROSE-OF-SHARON** (*Althea*)

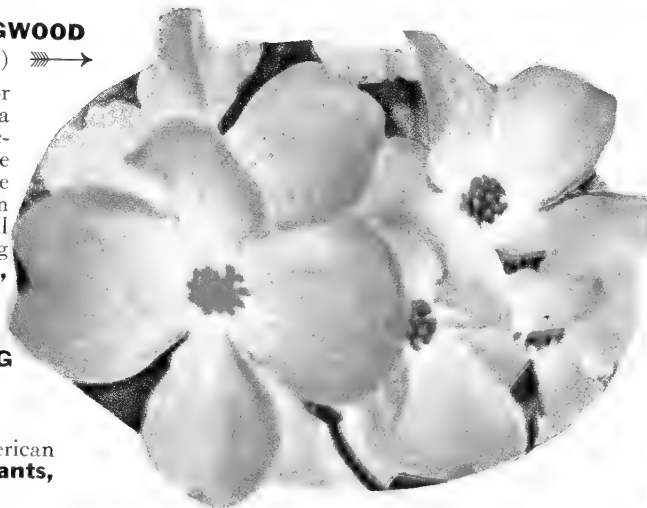
Begins blooming in early summer and continues through the fall months. A large shrub growing rapidly and vigorously almost anywhere. Your choice: Red, White or Pink. **2 to 3 ft., each \$1.25.**



**ROSE-OF-SHARON (ALTHEA)**

### **PINK-FLOWERING DOGWOOD** (*Cornus florida rubra*) ➡

There are no trees or shrubs that possess a larger measure of attractiveness throughout the whole year. The foliage is unusually brilliant in the fall. Combines well with the white-flowering form. **2 to 3-ft. plants, each \$4.50.**



### **WHITE-FLOWERING DOGWOOD** (*Cornus florida*)

The finest native American small tree. **2 to 3-ft. plants, each \$3.00.**



### **HYDRANGEA paniculata grandiflora**

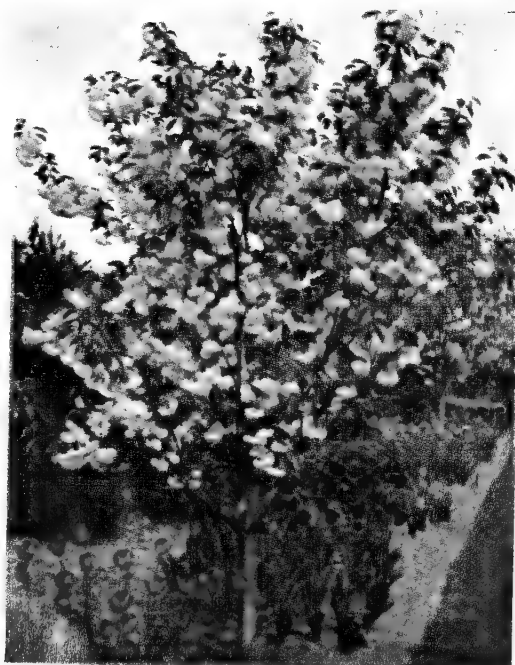
Huge, conical heads of creamy white flowers that turn pink as they age. **2 to 3 ft., each \$1.50.**

### **FLOWERING CRABAPPLE**

➡ A handsome ornamental tree. In the spring it is completely covered with rosy red flowers. From mid-summer until frost the clusters of small red Crabapples are very showy. **4 to 5 ft., each \$3.00.**

### **FLOWERING QUINCE** (*Cydonia japonica*) ➡

Literally covered with brilliant scarlet bloom in early spring. Makes a very desirable specimen shrub for the lawn. **18 to 24 in., each \$1.50.**



**FLOWERING CRABAPPLE (Malus, Hopa)**





#### **HARDY CARNATIONS**

Large, double flowers produced all summer. Wonderful spicy fragrance. They prefer a cool, rather moist atmosphere and rich loam. Your choice: Red, Pink and White. **Each 60c.; 3 for \$1.60; 10 for \$4.50.**

## MICHELL'S *Outstanding* PERENNIALS

6 plants, 1 each of the six shown here, **\$3.75**  
18 plants, 3 each of the six shown here, **10.00**  
36 plants, 6 each of the six shown here, **19.50**



#### **PHLOX, Charles Curtis**

Large heads of sunset-red blooms that do not discolor in the sun. Medium height. **Each 60c.; 3 for \$1.60; 10 for \$5.00.**



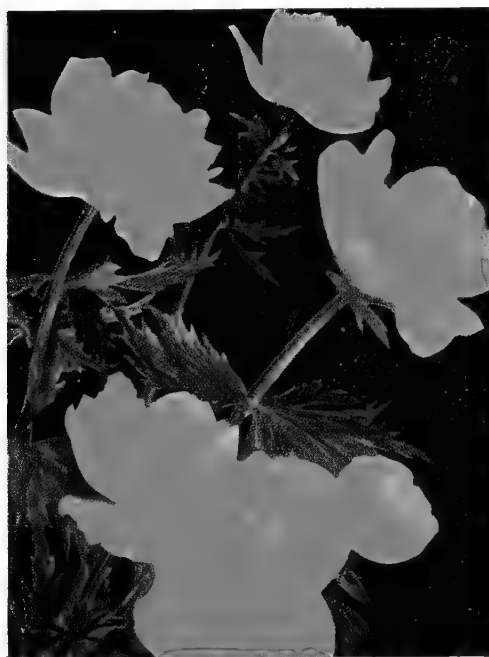
#### **ASTER, Harrington's Pink**

Masses of soft pink flowers with yellow centers. Blooms in September, giving a very bright effect. Grows as high as 4 feet or more and has rounded heads of bloom on stout stems. Excellent for cutting. **Each 60c.; 3 for \$1.60; 10 for \$4.50.**

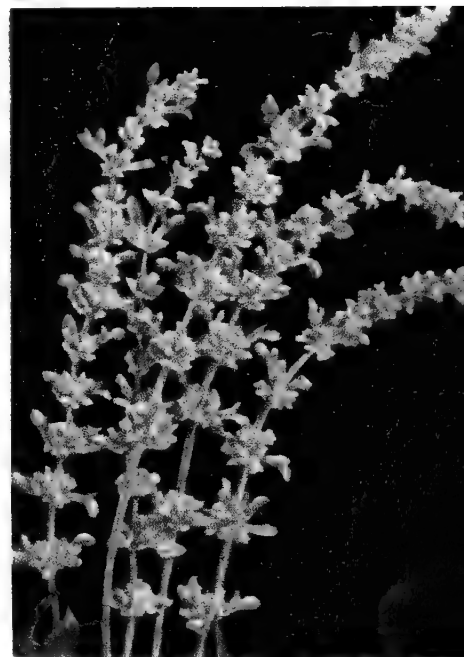


#### **PLATYCODON grandiflorum**

Deep blue, cupped, star-shaped flowers. Blooms freely from June until August. Plants grow 2½ to 3 feet tall and combine well with garden lilies. **Each 60c.; 3 for \$1.60; 10 for \$4.50.**



#### **TROLLIUS, GOLDEN QUEEN**



#### **SALVIA Pitcheri**

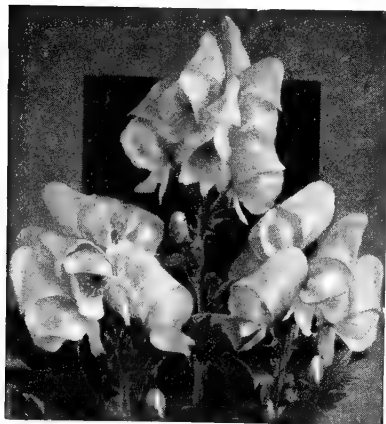
Branching stems covered with deep blue flowers in August and September. Grows 3 to 4 feet tall and does well in a sunny border. **Each 60c.; 3 for \$1.60; 10 for \$5.00.**

#### **TROLLIUS Ledebouri, Golden Queen**

Showy, globe-shaped flowers of golden yellow during May and June. Grows 3 feet tall. **Each 90c.; 3 for \$2.25; 10 for \$6.00.**

# Michell's Hardy Perennial Plants

VARIETIES MARKED ★ SUITABLE FOR ROCK-GARDENS



*Aconitum Fischeri*

## Achillea • Milfoil; Yarrow

**Filipendulina, Parker's Variety.** The large heads of bright yellow blooms are borne on sturdy stems. 3 ft. June, July.

**Perry's White.** The flowers are of perfect form, with full centers which make them appear pure white. 1 ft. June, July.

**Tomentosa.** Wool Yarrow. Handsome cut foliage with bright yellow flowers. 1 ft. June.

All Achilleas, each 60c.; 3 of one variety \$1.60; 10 for \$4.00

## Aconitum

Monkshood; Helmet Flower

**Fischeri.** A dwarf variety, growing 1½ feet high, with large pale blue flowers in September and October. Each 60c.; 3 for \$1.60; 10 for \$5.00.

**Napellus, Sparks' Variety.** The darkest blue of all. 3 to 4 ft. June. Each 90c.; 3 for \$2.25; 10 for \$6.75.

## ★Ajuga • Bugle

**Reptans.** The well-known blue variety. Will stand sun or shade. Flowers in May. 6 in. Each 60c.; 3 for \$1.60; 10 for \$4.00.

## ★Anchusa • Sea Bugloss

**Italica, Lissadell.** Tall spikes of beautiful blue flowers in June. A valuable border plant, 4 to 5 ft.

★**Myosotidiflora.** A distinct dwarf variety from the Caucasus Mountains, with clusters of pretty blue, forget-me-not-like flowers in May.

All Anchusas, each 60c.; 3 of one variety \$1.60; 10 for \$4.50

## Anemone

**Alba.** Large, single flowers of purest white on splendid 4-foot plants.

**Hupehensis.** This species resembles a miniature *A. japonica* in growth, with pale mauve-colored flowers in early August continuing to late fall. 1 ft.

**September Charm.** A recent hybrid, from 2 to 2½ feet tall. It has lovely single silvery rose flowers.

**September Queen.** The rosy red flowers are semi-double and are freely produced. 2 ft.

**September Sprite.** A charming pink variety of diminutive form. 12 in.

Above Anemones, each 60c.; 3 of one variety \$1.60; 10 for \$5.00

## Anthemis • Marguerite

**Moonlight.** Pale lemon-yellow; daisy-like flowers. 2½ ft. All summer. Each 60c.; 3 for \$1.60; 10 for \$5.00.

## Aquilegia • Columbine

**Chrysantha.** 2½ ft. Choice long-spurred, yellow flowers.

**Long-spurred Blue Shades.** 2 ft. Shades of blue with white centers.

**Long-spurred Pink Shades.** 2 ft. A choice strain in shades of pink.

**Long-spurred Snow Queen.** 2 ft. A fine fragrant white.

**Mrs. Scott Elliott's Strain.** 2 ft. Outstanding for its wide range of color.

All Aquilegias, each 60c.; 3 of one variety \$1.60; 10 for \$4.50

## ★Arabis • Rock-Cress

**Alpina fl.-pl.** 1 ft. Desirable double white form. April, May. Each 60c.; 3 for \$1.60; 10 for \$4.50.

## ★Armeria • Thrift

**Cephalotes, Bees' Ruby.** 1½ ft. Stout stems with large globular heads of brilliant ruby-red flowers. June to September.

**Cephalotes rubra.** 1 ft. Deep pink; very showy. June.

All Armerias, each 60c.; 3 of one variety \$1.60; 10 for \$5.00

## Artemisia • Wormwood

**Mugwort (A. lactiflora).** 4 ft. A stately plant for the background of the border, producing pyramidal heads of fragrant, creamy white flowers during August and September.

**Silver King (A. albula).** 3 ft. Graceful silvery white plant, also known as "Ghost Plant." The dried foliage is attractive for winter bouquets.

All Artemisias, each 60c.; 3 of one variety \$1.60; 10 for \$4.50

## Tall Fall Asters

Michaelmas Daisies  
September Blooming

**Beechwood Challenger.** 3 ft. A new Aster with sturdy plants bearing masses of glowing crimson flowers. We consider this to be the finest red Aster.

**Blue Plume.** 2 ft. A choice and showy Aster with almost double flowers of deep blue. Bloom is carried in stately spikes.

**Harrington's Pink.** 4 ft. Flowers are perfectly flat, 1½ inches or more across, and of clear soft pink, with not a hint of the usual magenta found in most pink Asters.

**Hybridus luteus.** 2 ft. Dwarf, compact plants with myriads of starry yellow flowers on graceful stems.

**Lavender Giant.** Large lavender-blue flowers completely cover the 3-foot plants in graceful sprays, making this variety ideal for cut-flower use. Early September to late October.

**Mount Everest.** 4 ft. Pyramidal plants of snowy white flowers with yellow eyes. Beautiful in the garden or when cut.

**Violetta.** New. 4 ft. The darkest Aster. Lovely flowers of deep violet-purple. Sturdy plants.

All Michaelmas Daisies, each 60c.; 3 of one variety \$1.60; 10 for \$4.50

## Asclepias • Butterfly-Weed

**Tuberosa.** Very showy native plants, about 2 feet high, producing their flowers of brilliant orange-scarlet during July and August. Each 60c.; 3 for \$1.60; 10 for \$4.50.

## Asperula

**Odorata.** Sweet Woodruff; Waldmeister. 8 in. Used in making maibole. Spreading herbage; fragrant white flowers in May. Each 60c.; 3 for \$1.60; 10 for \$4.50.

## Aster Frikarti, Wonder of Staefa

An everblooming perennial. Flowers clear azure-blue, 2 to 3 inches in diameter, on long stems. 2 ft. Each 75c.; 3 for \$2.00; 10 for \$6.00.

## Campanula • Bellflower

### PERENNIAL VARIETIES

★**Carpatica.** Carpathian Harebell. A pretty, compact-growing variety with clear blue flowers on erect, wiry stems from July until October. 6 in.

**Telham Beauty.** Our stock is true, from imported plants, producing large single flowers of exquisite China-blue through July. 2½ ft.

### BIENNIAL VARIETIES

**Medium.** Canterbury Bells. 2 ft. Mixed or separate colors—white, pink, and blue. Blooms in June and July.

**Medium calycanthema.** Cup-and-Saucer Canterbury Bells. 2½ ft. Mixed, or white, pink, and blue.

All Campanulas, each 60c.; 3 of one variety \$1.60; 10 for \$4.50

## Hardy Carnations

Large double flowers, delightfully fragrant. Red, Pink, White, and Mixture. Flowers all summer. Each 60c.; 3 for \$1.60; 10 for \$4.50.

## Centaurea

**Montana.** Mountain Bluet. Grows 2 feet high, bearing large violet-blue flowers from July to September. Each 60c.; 3 for \$1.60; 10 for \$4.50.

## ★Cerastium • Snow-in-Summer

**Tomentosum.** 6 in. Pure white flowers and silvery foliage. A compact grower and fine for the rock-garden. Blooms in May. Each 50c.; 3 for \$1.30; 10 for \$4.00.

## Cimicifuga • Bugbane

**Racemosa.** 4 to 6 ft. Long white spikes of bloom in July and August. Each 60c.; 3 for \$1.60; 10 for \$5.00.

**Racemosa simplex.** A showy fall-blooming variety. White spikes 3 to 4 feet long. Late September and October. Each \$1.00; 3 for \$2.75.

## Coreopsis • Tickseed

**Badengold.** Very floriferous. Flowers during the entire summer. Very large, Indian-yellow blooms, 4 inches in diameter, on tall stems. Excellent for cut-flowers. 2 ft. Each 75c.; 3 for \$2.00.

**Perry's Double.** A double-flowering hybrid of unusually large size. 18 to 24 in. Blooms all summer. Each 60c.; 3 for \$1.60; 10 for \$5.00.

## CHRYSANTHEMUMS, HARDY DOUBLE VARIETIES

Our pot-plants are ready around May 1. These plants will give a wealth of color in the garden through September and October.

The following double varieties are each 50c.; 3 of one variety \$1.25; 10 for \$4.00, except where noted.

**Avalanche.** One of the best all-round whites. Flowers 4 to 5 inches across, fully double. Early Oct.

**Burgundy.** The rich red color of Burgundy wine with perfectly formed, densely double blooms borne on well-branched, strong-stemmed plants. 2½ feet tall; blooms in September. An indispensable variety that adds brilliant color to the garden and is superb for cutting.

**Carnival.** Vivid, glowing burnt-orange. Fully double blooms 3½ inches across, borne profusely on strong, well-branched plants.

**Charles Nye.** Rich buttercup-yellow. 3-inch, fully double, rounded blooms in quantity on superior plants. Sept. 2 feet.

**Chippewa.** A flower of unusually interesting form and a color of exceptional appeal—rich purple with a delightful silvery reflex on the reverse of the incurved petals. Hardy and especially good in the North.

**Edith.** Rich royal rose-purple—a deep, brilliant, unfading color. The blooms open perfectly, 3 to 4 inches across and fully double. The plants are vigorous, with sturdy, well-branched stems. Each 60c.; 3 for \$1.60.

**Governor Duff.** Named for the Governor of Pennsylvania. Bright orange-bronze; the firm, densely petaled, rounded blooms are more than 2 inches across. The plants are compact in growth, completely covered with blooms from the last of September on. Each 60c.; 3 for \$1.60.

**Jean Treadway.** Very double soft pink with rose center. Exceptionally lovely, forming bushy plants 2 feet tall. Blooms in September.

**Lavender Lady.** One of the most popular double Koreans. Vigorous plants producing a great abundance of double, delicate lavender flowers.

**Olive Longland.** A grand new Mum of extra hardiness and a color that has a special appeal. The well-formed, double blooms are salmon-pink, richly toned with apricot. It is a vigorous grower and profuse bloomer. Flowers in late September and early October.

**Peggy.** A multicolor Chrysanthemum with a distinct color change after the blooms are fully open. The buds are copper-red and in opening there is a blend of copper-rose, lavender and cream. Along with these blooms are those of the second phase, of brighter and lighter tints, with the center half clear yellow and the outer petals snowy white. Each 60c.; 3 for \$1.60.

**The Chief.** An amazingly pretty combination of scorching scarlet with the reverse of the artfully incurved petals adding a brilliant shade of gold, especially toward the center of the blooms where their tips are in plain sight.

**Yellow Avalanche.** An outstanding yellow sport of Avalanche with fully double flowers of most appealing form. A soft, clear yellow with a lovely, translucent quality. Grows 2 feet tall and blooms in September.

## Four New Large-Flowering Chrysanthemums

**Fortune.** Bright golden centers set off by outer petals of gleaming white. Broad, thick solid blooms 3 to 4 inches across. Each 85c.; 3 for \$2.45.

**Life.** Bright, rich copper-rose with flashes of shiny buff on the curved edges of the petals and a bright gleam of old-gold on the incurved center petals. Thick blooms, 3 or more inches across. Each 85c.; 3 for \$2.45.

**Success.** Rich crimson buds and blooms, unfading and brilliant. Full bloom 3 to 4 inches across, densely set with extra firm petals. Blooms early and over a long season. Each 85c.; 3 for \$2.45.

**Time.** Very densely petaled, firm, trim blooms of orchid-lavender in broad, compact sprays of solid bloom. Petals are broad, with a silky sheen. Each 85c.; 3 for \$2.45.

## POMPON AND BUTTON VARIETIES

**Ermalinda.** Appealing light violet. Of upright habit.

**Harbor Lights.** Soft yellow and creamy white tints mingle to create a luminous, sparkling effect.

**Mandalay.** Brilliant orange-bronze. Fine for cutting.

**Orchid Jewel.** Clear lavender blooms of great appeal.

**Ruby.** Splendid Pompons of ruby-crimson in large sprays on upright plants.

**White Wonder.** Welcome indeed is this new white Pompon. Exquisitely formed, ball-shaped blooms with broad petals are a crisp, clean white, the buds a soft creamy white.

All Pompons, each 50c.; 3 of one variety \$1.40; 10 for \$4.00

## Greenhouse-Type Chrysanthemums for the Garden

These are the early, large-flowering florist varieties. They can be grown like any other Mum but should be disbudded and staked if extra large individual blooms are desired. On frosty nights protect them with a cloth cover.

Each 50c.; 3 of any one variety \$1.40; 10 for \$4.00

**Gold Lode.** Light golden yellow.

**Hilda Bergen.** Dark bronze.

**Major Edward Bowes.** Lavender-pink.

**Mrs. H. E. Kidder.** Yellow.

**October Rose.** Rose-pink.

**Silver Sheen.** White.

## CUSHION VARIETIES

All are dwarf growing, about 1 foot high, and very free flowering from early September until late frosts. Each plant produces hundreds of blooms.

Each 50c.; 3 of one variety \$1.25; 10 for \$4.00

**Fireglow.** Scorching China-red flowers of semi-double form.

**Lavender Lassie.** Lovely, firm, lavender blooms.

**Prince Cushion.** Golden yellow, 2-inch, double blooms.

**September Bronze.** Golden bronze.

**September Cloud.** White.

**September Gold.** Brilliant golden yellow blooms. Remarkably free and colorful.

One each of the above 6 for \$2.75  
Ask for Offer No. 7

## Spoon Varieties

This new race of Chrysanthemum is a distinct addition to American gardens. The uniquely formed, graceful, tubular petals are flattened at the tips to resemble a spoon—hence the name.

Each 50c.; 3 of one variety \$1.25; 10 for \$4.00

**Pink Spoon**

**Yellow Spoon**

**Rose Spoon**

**White Spoon**

## English Chrysanthemums

These are different from other hardy varieties. The large, solid, double flowers measure up to 4 inches across. Some varieties bloom in September but all flower by mid-October. For the most impressive results use the culture recommended for Greenhouse Chrysanthemums. Feed and disbud to one good terminal bud to each stem. All varieties offered have survived the winters in Pennsylvania.

Each 60c.; 3 of one variety \$1.60

**Alabaster.** Pure white.

**Conqueror.** Vivid mahogany-red.

**Forward.** Bright silvery orchid.

**Gold Mine.** Sunshine-yellow.

**Leda.** Warm old-rose.

**Titan.** Magnificent deep red.

One each of the above six for \$3.50  
Ask for Offer No. 8

## COLLECTION OF THE NEWER POMPON AND BUTTON VARIETIES

**Ermalinda**

**Mandalay**

**Harbor Lights**

**White Wonder**

One each of the above 4 varieties for \$1.85. Ask for Offer No. 3.



Chrysanthemum

# ***New Large-Flowering Chrysanthemums***



**FORTUNE.** Blooms 4 inches across. Bright golden centers set off by gleaming white outer petals. **Each 85c.; 3 for \$2.45.**

**LIFE.** Bright copper-rose with flashes of buff and old-gold on the edges of the petals and in the center. **Each 85c.; 3 for \$2.45.**

**SUCCESS.** Rich crimson buds and blooms; unfading and brilliant. **Each 85c.; 3 for \$2.45.**

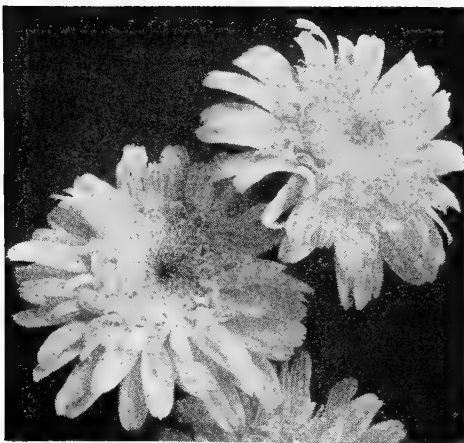
**TIME.** Very densely petaled blooms of orchid-lavender. **Each 85c.; 3 for \$2.45.**

**4 plants, 1 each of  
the four varieties, \$3.25**

**12 plants, 3 each of  
the four varieties, \$9.25**

**24 plants, 6 each of  
the four varieties, \$18.00**





Shasta Daisy, Esther Reed

## CHRYSANTHEMUM MAXIMUM

### Shasta Daisies

**Alaska.** Large, single white flowers on long stems. Fine for cutting. June, July. 2 ft. Each 60c.; 3 for \$1.60; 10 for \$4.50.

**Double White Swan.** Masses of double white flowers over a long season. 18 to 24 in. Late spring and early summer. Each 75c.; 3 for \$2.00.

**Esther Reed.** Fully double white flowers of good lasting quality. The blooms are 3 to 4 inches in diameter and come rather freely on the sturdy plants. 1½ to 2 ft. Summer and fall. Each 90c.; 3 for \$2.25; 10 for \$6.50.

**Mt. Shasta.** Full double white flowers 3 to 4 inches in diameter with a high crested center. Stems 18 to 24 inches long make it excellent for cutting. Blooms off and on all summer. Each 90c.; 3 for \$2.25; 10 for \$6.50.

## Michell's Modern Hybrid Delphiniums

**Pacific Giants.** This new strain, developed in California, carries a fine range of colors and the structure of the best foreign varieties. Our plants have been grown from the originator's own stock. Strong plants. Mixed colors. Each 90c.; 3 for \$2.25; 10 for \$6.50.

**Belladonna, Improved.** 3 to 4 ft. A magnificent strain of the pure blue Delphinium, producing long spikes during June-July, and in the fall.

**Chinensis grandiflorum, Blue Mirror.** A sensationally beautiful dwarf blue Delphinium resembling the Chinese forms, but the flowers are flat saucers of aquamarine, without spurs. The habit is compact, forming neat 18-inch bushlets and the sprays are produced in endless profusion from early May until frost.

**Lamartine.** 3 to 4 ft. Large, single, dark gentian-blue flowers on branching plants. All Delphiniums, each 60c.; 3 of one variety \$1.60; 10 for \$5.00, except where noted

### Dictamnus • Gas Plant

**Albus.** A hardy plant that will grow and remain in the garden for many years; best left undisturbed, as it improves with age. White flowers. 18 to 24 in. June, July.

**Ruber.** A red-flowering form of the above. 18 to 24 in.

All Dictamnus, each 75c.; 3 of one variety \$2.00

## Dianthus • Pinks

**Little Joe.** A compact plant with delightfully fragrant, vivid red flowers.

**Meg Gardner.** 15 in. A recent introduction bearing large white flowers with distinct red centers. June, July.

**Old Spice.** Pat. 499. Carnation-like salmon-pink flowers. Clove-scented.

**Mixed.** Unique hybrids with double blooms of red, rose, pink and salmon. Mixed colors only.

All Dianthus, each 60c.;  
3 of one variety \$1.60; 10 for \$4.50

## Dicentra (Dielytra)

★**Eximia.** Fringed Bleeding-Heart. 1 ft. A dwarf-growing variety with beautiful finely cut foliage and showy pretty pink flowers. Blooms all summer. Each 60c.; 3 for \$1.60; 10 for \$4.50.

**Spectabilis.** Bleeding-Heart; Seal Flower. 2½ ft. Its long sprays of graceful, heart-shaped flowers are always attractive. Blooms in May and June. Each \$1.00; 3 for \$2.75; 10 for \$8.50.

**Sweetheart.** 1 ft. A white form of dwarf Bleeding-Heart. Finely cut foliage. Blooms from spring to fall. Each \$1.50; 3 for \$3.50; 10 for \$9.00.

## Digitalis • Foxglove

**Giant Shirley, Mixed.** These are a genuine Shirley production of extraordinary size and vigor. The flower-heads are over 3 feet long, crowded with large, bell-shaped blossoms, ranging in color from white and shell-pink to deepest rose. Each 50c.; 3 for \$1.40; 10 for \$4.00.

## Doronicum • Leopards-Bane

**Mme. Mason.** 2½ ft. Compact in habit; noted for its large bloom. April, May. Each 60c.; 3 for \$1.60; 10 for \$5.00.

## Echinops • Globe Thistle

**Taplow Blue.** 3 to 3½ ft. Very interesting globe-shaped blue flowers. Excellent for cutting and drying. July. Each 75c.; 3 for \$2.00.

## Eupatorium

**Cœlestinum.** A pretty hardy plant with light blue flowers similar to ageratum. 2 ft. Sept. Each 60c.; 3 for \$1.60; 10 for \$4.50.

## Ferns

**Christmas Fern.** Evergreen. Extremely ornamental for massing in shade or partial shade. 1 to 2 ft.

**Cinnamon Fern.** Strong, vigorous growing, suited to varied locations. Shade or semi-shade. 3 to 4 ft.

**Lady Fern.** Exceedingly showy and vigorous. Shade. 2 to 3 ft.

**Leatherwood Fern.** Evergreen. Attractive and vigorous grower. 2 to 3 ft.

**Maidenhair Fern.** One of the most distinct and beautiful Ferns. Prefers a moist, shady location. 18 to 24 in.

**Ostrich Fern.** Bold growing, usually along streams. Very ornamental in a moist, shady location. 3 to 5 ft.

**Royal Fern.** A strong, tall species that thrives in shady or sunny locations. 3 ft.

**Toothed Woodfern.** Almost evergreen. Fine effects when massed. Shade. Prefers a rich, moist soil. 2 to 3 ft.

All Ferns, each 60c.; 3 of one variety \$1.60; 10 for \$4.50

## Funkia (Hosta)

### Plantain Lily

**Cærulea lanceolata.** 1½ ft. Requires a minimum of care. The plants with their lush foliage are always nice, and the blue flowers are lovely during summer. Blooms in July. Each 60c.; 3 for \$1.60.

**Glaucia.** 1½ ft. The large leaves have a pleasing blue-gray cast; spikes of pale blue flowers. July, Aug. Each 75c.; 3 for \$2.00.

**Subcordata grandiflora.** Very large, pure white, lily-shaped, fragrant flowers. 2½ to 3 ft. Aug., Sept. Each 90c.; 3 for \$2.50; 10 for \$7.50.

**Undulata media picta.** Green and white variegated foliage. Purple flowers. 2 ft. July. Each 50c.; 3 for \$1.30; 10 for \$4.00.

## \*Geum • Avens

**Fire Opal.** Dazzling rich scarlet flowers with orange sheen, often measuring 3 inches in diameter. Very free flowering. 12 to 15 in. May to Oct.

**Princess Juliana.** An excellent new hybrid with large, double, pure orange flowers on stout stems. 15 to 18 in. Early. June to Oct.

**Wilton Ruby.** Ruby-red, an improvement on Mrs. Bradshaw. 12 to 15 in. July to Sept.

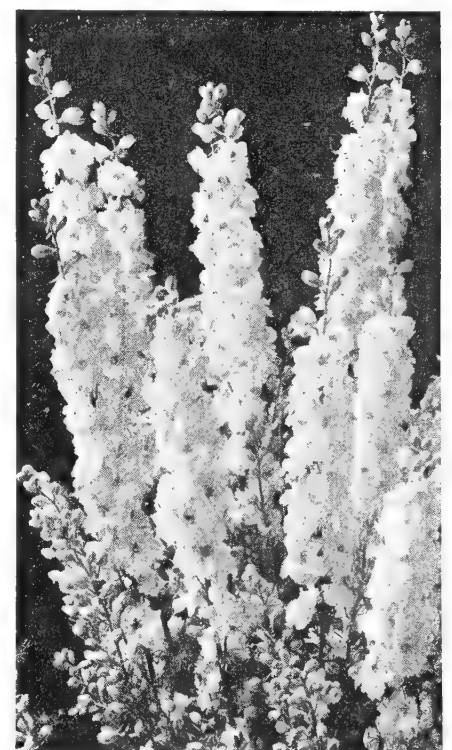
All Geums, each 70c.; 3 of one variety \$1.75; 10 for \$5.50

## Gypsophila • Baby's Breath

**Bristol Fairy.** A wonderful improvement over *G. paniculata fl.-pl.* It is a distinct new form, producing immense panicles of pure white, double flowers very early in the season and continuing until frost. 3 ft. Each 90c.; 3 for \$2.25; 10 for \$6.50.

**Oldhamiana, Flamingo.** A new tall double form. The lovely pink flowers are like Bristol Fairy in form. Grows just as tall but blooms four or five weeks later. 3 ft. Each \$1.00; 3 for \$2.75; 10 for \$7.50.

★**Repens.** Beautiful trailing plant for the rockery, with clouds of small pink flowers during July and August. 1 ft. Each 70c.; 3 for \$1.60; 10 for \$5.00.



Delphinium, Pacific Giants



Hemerocallis

## Gaillardia • Blanket Flower

**Grandiflora.** 2 ft. Dark brown center, surrounded with a rich orange disc; petals on outer edges yellow. Flowers all summer. 3 for \$1.40; 10 for \$4.00.

## Geranium • Cranesbill

**Lancstriense.** Light salmon-pink blooms borne frequently all summer on 4 to 6-inch stems. Unusually hardy. A choice rock-garden plant, easily grown. 6 in. Each 60c.; 3 for \$1.60; 10 for \$5.00.

## Helleborus • Christmas Rose

They grow best in rich soil and a shady location; unexcelled for the beauty of their flowers, their evergreen foliage, and their attractive appearance the year round.

★ **Niger.** 1 ft. Single white blooms flushed with pink, on sturdy stems. Feb., Mar.  
**Orientalis atropurpurea.** 1 ft. Known as the Lenten Rose. Purple and Red.

All Helleborus, each \$1.75  
3 of one variety \$4.50

## Helenium • Sneezewort

**Moerheim Beauty.** 2½ ft. A handsome and distinctive perennial with warm, glowing brown-red flowers from June to October. For best results divide the plants early every spring, replant the young shoots and discard the old plant.

**Pumil magnificum.** 18 to 24 in. Bright yellow flowers all summer. A good companion for Moerheim Beauty.

All Heleniums, each 75c.; 3 of one variety \$2.00; 10 for \$6.00

## Helianthemum • Sun-Rose

These delightful low-spreading, shrubby plants are indispensable in the rock-garden and foreground of the hardy border. They prefer a sunny, well-drained location. Height is 6 to 8 inches and blooming season from late May to July.

**Buttercup.** Single; golden yellow.

**Fireball.** Double; bright scarlet.

**Rhodanthum carneum.** Pale pink flowers on silvery foliage are a pleasing combination.

All Helianthemums, each 60c.;  
3 of one variety \$1.60; 10 for \$4.50

## HEMEROCALLIS (DAYLILY)

**August Pioneer.** Chrome-orange blooms of medium size. Especially valuable for its late period of bloom—early August through September. 2½ ft. Each \$1.50; 3 for \$4.00.

**Bagdad.** Large flowers borne on plants of considerable height; coppery red petals with orange throat. 5 ft. July. Each \$1.25; 3 for \$3.25.

**Boutonnere.** Flourishing clusters of small flowers. The throat of each is orange-yellow with darker petals. 2½ ft. Aug., Sept. Each \$1.25; 3 for \$3.25.

**Curly Pate.** Medium-sized yellow, cup-shaped flowers with petals curled at the ends. 4½ ft. July. Each 90c.; 3 for \$2.50.

**Dover.** Large; clear orange. 4 ft. June, July. Each 75c.; 3 for \$2.00.

**George Yeld.** Distinctly large; the outer petals are rich orange-yellow and the inner flushed with rose. 4 ft. July, Aug. Each \$1.25; 3 for \$3.25.

**Goldeni.** Deep golden orange; attractive in form; very free-flowering. 2 ft. Late June. Each 75c.; 3 for \$2.00.

**Imperator.** A distinct variety with rich orange-red coloring. 4 ft. July, Aug. Each \$1.25; 3 for \$3.25.

**J. A. Crawford.** Clear gold. 4 ft. June, July. Each \$1.00; 3 for \$2.50.

**J. R. Mann.** Golden yellow. 2½ ft. July, Aug. Each 75c.; 3 for \$2.00.

**Mikado.** A glamorous combination—orange with a mahogany-red spot on each petal. Occasionally blooms in the fall. 3 ft. June, July. Each \$1.25; 3 for \$3.25.

**Modesty.** Palest yellow; amazing in size. 4 ft. June. Each \$1.00; 3 for \$2.50.

**Mrs. A. H. Austin.** The cup-shaped deep orange-yellow blooms are of medium size; most attractive. 2½ ft. Aug. Each \$1.25; 3 for \$3.25.

**Mrs. W. H. Wyman.** Best described as pale glistening yellow. 3½ ft. Aug. Each 60c.; 3 for \$1.60.

**Ophir.** Its rich golden yellow coloring has made this a favorite variety. 4 ft. July. Each \$1.25; 3 for \$3.25.

**The Gem.** An unusually popular yellow variety; large size. 3 ft. July, Aug. Each 75c.; 3 for \$2.00.

**The New "Leonian" Hybrid Hemerocallis.** Magnificent new creations ranging in height from 3 to 5 feet. Giant-sized blooms in various shades from orange-red to maroon. Mixed colors. Each \$1.00; 3 for \$2.75.

## Helianthus Hardy Sunflower

**Loddon Gold.** Full, double yellow flowers on long stems. All summer. 4 to 5 ft. Fine for cutting. Each 60c.; 3 for \$1.60; 10 for \$4.50.

## Heuchera • Coral-Bells

Light soil and full sun suit them best, but they will make an admirable show in partial shade.

**Brizoides.** Vigorous grower; light pink flowers. 18 to 24 in. May to Aug.

**Rosamonde.** Pleasing coral-pink flowers on long stems. 2 ft. June to Sept.

**Sanguinea Hybrids.** A wonderful range of colors from white through the various shades of pink to deepest red. 1½ ft. June to Sept.

All Heucheras, each 60c.;  
3 of one variety \$1.60; 10 for \$5.00

## Hibiscus • Rose-Mallow

The 5-foot, shrub-like plants are particularly spectacular, with an abundance of large, single, hollyhock-shaped flowers, measuring 4 to 6 inches across in late summer.

**Mixed Colors only.** Each 60c.; 3 for \$1.60; 10 for \$4.50.

## Hollyhocks

**Double.** Our strain of these is very fine, and we offer them in separate colors only: Yellow, Crimson, Pink, and White.

**Single, Mixed.** They are of stronger growth than the double-flowering type and consequently make a better showing. We can supply these in mixed colors only.

All Hollyhocks, each 50c; 3 for \$1.30;  
10 for \$4.00

## \*Iberis • Hardy Candytuft

**Little Gem.** A perfect gem of very dwarf habit, not over 6 inches high, with masses of white flowers in May. Each 60c.; 3 for \$1.60; 10 for \$5.00.

## Iris Germanica

are dug and shipped in fall only.  
No spring deliveries.

## Lavandula • Lavender

**Vera.** 1½ ft. The true Sweet Lavender with delightfully fragrant blue flowers in July and August. Each 60c.; 3 for \$1.60; 10 for \$5.00.

## Liatris • Gayfeather

**Pycnostachya.** 4 ft. The tall spikes of rich purple are outstanding in the summer garden. July, Aug.

**September Glory.** 6 ft. Giant spikes of rosy purple flowers; making a splendid effect. Sept.

All Liatris, each 60c. 3 of one variety \$1.60;  
10 for \$4.50

## \*Linum • Flax

**Flavum, Improved.** 1 ft. Golden yellow flowers produced freely from early May on.

**Perenne.** 1½ ft. Light, graceful foliage and large blue flowers all summer.

All Linum, each 60c.; 3 of one variety \$1.60;  
10 for \$4.50

## Lobelia

**Cardinalis.** Cardinal Flower. Rich fiery cardinal flowers. 2 to 3 ft. Aug., Sept. Each 60c.; 3 for \$1.60; 10 for \$4.50.

## Lupinus • Lupine

**Russell Hybrids.** An extraordinary new strain noted for its pastel colors. 3½ ft. June, July. Each 60c.; 3 for \$1.60; 10 for \$5.00.

## Lychnis • Campion

**Chalcedonica.** 2 ft. Brilliant scarlet blooms. June.

**Viscaria splendens flore-pleno.** 15 in. This old-fashioned plant with showy heads of crimson-purple has long been a favorite. May, June.

All Lychnis, each 60c.; 3 of one variety \$1.60;  
10 for \$4.50

## Lythrum

**Morden's Pink.** 2 to 2½ ft. Masses of rose-pink flowers on narrow spikes. Profuse and continuous bloomer June to September. Excellent for cutting. A hardy variety growing in full sun or partial shade. Each 90c.; 3 for \$2.25.

## \*Myosotis • Forget-Me-Not

**Palustris semperflorans.** 8 in. Bright blue. Ideal for moist shady places, for your rock-garden or border. Blooms all summer. Each 50c.; 3 for \$1.40; 10 for \$4.00.

## Monarda • Bee-Balm; Oswego Tea; Bergamot

Old-fashioned plants of easy culture anywhere. Highly aromatic leaves and pretty heads of flowers.

**Cambridge Scarlet.** Brilliant crimson-scarlet flowers. 2½ ft. July.

**Croftway Pink.** This new pink Bergamot is a sturdy grower and the most exquisite, glowing rose-pink. Entirely different from any other new varieties in existence. 2½ ft. July. Each \$1.25; 3 for \$3.50.

**Salmon Queen.** Salmon-pink flowers; delightfully fragrant foliage. 2½ ft. July. All Monarda, each 60c.; 3 of one variety \$1.60; 10 for \$4.50, except where noted

## \*Nepeta • Catmint

**Mussini.** 9 in. A compact grower forming tufts of small violet-blue flowers during July and August. Each 50c.; 3 for \$1.30; 10 for \$4.00.

## Oenothera

**Missouriensis.** 10 in. A trailing plant bearing great quantities of big yellow flowers often 3 inches across. Deserves a prominent place in the rock-garden. June to Aug. Each 60c.; 3 for \$1.60; 10 for \$4.50.

## Pachysandra

**Terminalis.** An evergreen, trailing plant with thick, glossy green foliage forming a dense mat. One of the finest ground-covers.

	Doz.	100
1-yr. field-grown plants.....	\$2 00	\$12 00
2-yr. field-grown plants.....	2 50	16 00
2¼-in. pot-grown plants.....	2 50	16 00

## Penstemon • Beard-Tongue

**Firebird (Cherry Glow).** 2 ft. An outstanding new introduction to add color to summer gardens. The individual ruby-crimson blooms are unusually large and the long spikes of bloom are especially attractive in bouquets. Blooms all summer.

**Garnet.** 18 in. The graceful stems hold loosely arranged, garnet blooms. June to Sept.

All Penstemons, each 60c.;  
3 of one variety \$1.60; 10 for \$5.00

## Physostegia • False Dragonhead

**Rosy Spire.** 3½ ft. Showy spikes of deep rosy crimson bloom. Sept.

**Vivid.** 18 in. Ideal dwarf kind with deep pink bloom. Sept.

All Physostegias, each 60c.; 3 of one variety \$1.60; 10 for \$4.50

## Platycodon • Balloon Flower

**Grandiflorum.** 2½ ft. Deep blue, cupped, star-shaped flowers. June to Aug.

**Grandiflorum Mariesi.** 18 in. A useful dwarf variety for the foreground of the border. Blue. Blooms all summer.

All Platycodons, each 60c.;  
3 of one variety \$1.60; 10 for \$4.50

## \*Plumbago • Leadwort

**Larpentæ.** Plant of dwarf, spreading habit, growing 6 to 8 inches high, covered with deep blue flowers. Aug.; Sept. Each 60c.; 3 for \$1.60; 10 for \$4.50.

## Hardy Summer Phlox

Phlox is the backbone of the summer garden and it can be depended upon to produce a great abundance of bloom over a long period.

**Blue Boy.** Attractive, deep blue flowers on low, bushy plants. 2 ft.

**Border Queen.** Enormous, compact trusses of pure pink. 20 in.

**Charles Curtis.** Large flower heads of sunset-red. Combines nicely with Mary Louise. 2 to 3 ft.

**E. I. Farrington.** Large, bright salmon-pink shading to soft pink. Strong, healthy.

**Fairy King.** Lovely lavender. Large, rounded flower heads. 2 ft.

**Leo Schlageter.** Large, pyramidal clusters of bright scarlet-carmine overlaid with orange.

**Mary Louise.** Pure white of large size. Very fine. 2 ft.

**Miss Lingard.** Pearly white with pink eye. Good for cutting.

**Salmon Glow.** Flame-pink with light center. 2 ft.

**San Antonio.** Immense heads of non-fading blood-red florets. 2 to 3 ft.

All above Phlox, each 60c.; 3 of one variety \$1.60; 10 for \$5.00

## \*Phlox Subulata • Moss Pink

**Alba.** Pure white.

**Blue Hill.** Deep blue.

**Rosea.** Rose-pink.

**Vivid.** Bright pink with fiery red eye.

All above Phlox, each 50c.;  
3 of one variety \$1.40; 10 for \$4.00

## Phlox Species

**Divaricata.** 10 in. Our beautiful blue native Phlox. Does well in the shade. Each 60c.; 3 for \$1.60; 10 for \$5.00.

## Polemonium

**Blue Pearl.** Feathery foliage and dense masses of bell-like, lavender-blue flowers. 8 to 10 in. Apr., May. Each 70c.; 3 for \$1.60; 10 for \$5.00.

**Poppies are dug and shipped in fall only. No spring delivery.**

## Primula

### Hardy Primrose; Cowslip

All Primulas are best planted in fairly rich, moist soil and shade; however, many varieties will get along nicely in full sun, if watered often during summer months. Bloom in early spring.

**Auricula Giant Hybrids.** Unusual and distinct Primula. Large flowers in various colors on 6 to 8-inch stems.

**Polyanthus.** Cowslip. Suitable for growing in light shade along the waterside.

**Blue Shades.** Ruby. Yellow.

**Colossal Strain.** Flowers often measure up to 2 inches across. Wide color range, including many two-toned pastels as well as deep shades of orange, copper, and gold through red and violet. Each 70c.; 3 for \$2.00; 10 for \$6.00.

All Primulas, each 60c.; 3 of one variety \$1.60; 10 for \$5.00, except where noted

## Pulmonaria • Lungwort

**Angustifolia azurea.** Blue Cowslip. Grows about 1 foot high and is one of the first to bloom in early spring. Flowers are a deep gentian-blue. Each 70c.; 3 for \$1.90; 10 for \$5.50.



Hardy Phlox

## Pyrethrum • Painted Daisy

Pyrethrums are special favorites with us because of their simple beauty of form, their wide use as cut flowers, and their attractive appearance in the garden.

**Single-flowering, Mixed.** 2½ ft. A good old-fashioned perennial with flowers resembling colored daisies and blooming in June.

**Double, Mixed.** The flowers are freely produced on vigorous stems 2 feet high. Individual flowers are often 3 inches across, with full, rich contrasting centers.

All Pyrethrums, each 60c.; 3 for \$1.60;  
10 for \$4.50

## Rosmarinus

**Officinalis.** Rosemary. A very fragrant herb. Likes a sunny location and ordinary soil. Each 60c.; 3 for \$1.60; 10 for \$5.00.

## Rudbeckia

**Purpurea, The King.** A crimson-red form that can be combined effectively with White Lustre.

**White Lustre.** This new Rudbeckia we feel confident will take its place as an important addition in many perennial gardens. You can count on White Lustre to reach 3 feet in height. Blooms freely on sturdy stems from late June to September.

All Rudbeckias, each \$1.00; 3 for \$2.75

## Salvia • Sage

**Azurea.** 4 ft. The stems of each clump are terminated with loose panicles of sky-blue flowers. Aug., Sept.

**Pitcheri.** Similar to Azurea but of more branching habit and larger flowers of rich gentian-blue. 3 to 4 ft. Aug., Sept.

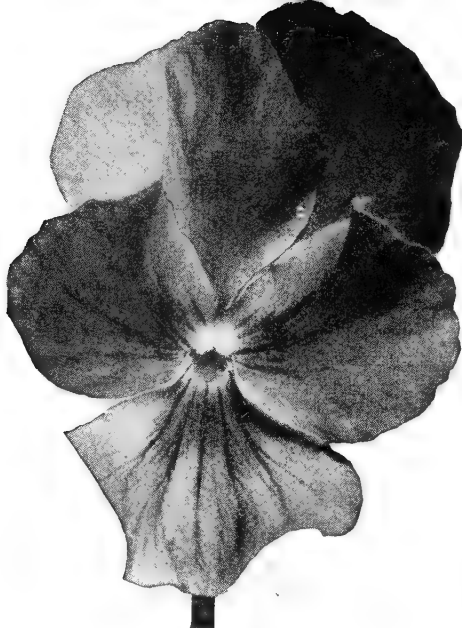
All Salvias, each 60c.; 3 of one variety \$1.60; 10 for \$5.00

## Santolina

**Chamaecyparissus (S. incana).** Lavender-Cotton. A useful plant for knot gardens; can be sheared. Gray foliage. Yellow flowers, June and July. 12 to 15 in.

**Viridis.** The plant is useful in the knot garden, a pleasing green in contrast to the gray of the above variety. Good as an individual specimen. 1 ft.

All Santolinas, each 60c.; 3 of one variety \$1.60; 10 for \$4.50



Viola, Jersey Gem

### \*Saponaria • Soapwort

**Ocymoides splendens.** 6 in. The dense masses of pink flowers which appear in late spring add color to the rock-garden. Each 60c.; 3 for \$1.60; 10 for \$4.00.

### Scabiosa

**Isaac House Giants.** Lavender-blue flowers on strong 18-inch stems from June until September. Each 90c.; 3 for \$2.25; 10 for \$6.50.

### Sedum

**Spectabile.** A pretty, erect-growing variety with broad, light green foliage, and immense heads of showy, rose-colored flowers during the autumn. 1½ ft.

**Spectabile, Brilliant.** A rich-colored form of the above, being a bright amaranth-red.

All Sedums, each 60c.; 3 of one variety \$1.30; 10 for \$4.00

### Spirea (Astilbe)

Astilbes are ideal, colorful perennials for shaded locations in the garden. They also do well in the sun. They prefer rather rich, moisture-retaining soil; watering is essential during dry weather. Plants bloom freely in June and July and the foliage remains attractive for the rest of the summer. Height about 2 ft.

**America.** Lilac-rose.

**Gladstone.** White.

**Gloria superba.** Deep rose-pink.

**Peachblossom.** Peachblossom-pink.

**Rhineland.** Bright crimson.

\***Simplicifolia rosea.** An attractive dwarf species with pink flowers in June and July. Suitable for the shady rock-garden or border.

All Spireas, each 90c.; 3 of one variety \$2.25; 10 for \$6.50

### \*Statice (Limonium)

Sea-Lavender

**Latifolia.** Great Sea-Lavender. Handsome plants with heads of dark blue flowers that when dried last for months. 1 to 2 ft. July, Aug. Each 60c.; 3 for \$1.60; 10 for \$5.00.

### Stokesia • Cornflower Aster

**Blue Moon.** 1½ ft. A new and striking giant-flowering form of lavender-blue. July, Aug. Each 60c.; 3 for \$1.60; 10 for \$5.00.

### Sweet William

*Dianthus barbatus*

All flower in June and grow 18 inches high.

**Pink Beauty.** Sometimes called "Newport Pink." An excellent shade of salmon; immense flower trusses.

**Scarlet Beauty.** A deep scarlet shade.

**White.**

**Mixture.** All colors.

All Sweet Williams, each 50c.; 3 of one variety \$1.30; 10 for \$4.00

### Thermopsis

**Caroliniana.** Bright yellow, pea-shaped, lupine-like flowers. 3 ft. June, July. Each 60c.; 3 for \$1.60; 10 for \$4.50.

### Tradescantia • Spiderwort

Ideal plants for shady locations. The common old-fashioned forms were known to our grandmothers, who had many names for them. The hybridizers have been at work improving them not only in color and size of bloom, but they have considerably lengthened the period of bloom.

### NEW TRADESCANTIAS

Sent out by the U. S. Department of Agriculture.

The descriptions are those of the Department. Height 15 to 20 inches. Bloom throughout the spring and summer.

**Blue Stone.** Low-growing. Large rich blue flowers.

**Iris Pritchard.** White flowers, heavily stained with azure-blue; blue center. Late bloomer.

**James Stratton.** A variety with large flowers, 2½ inches from tip to tip; color deep delphinium-mauve, slightly shaded with rose.

**Pauline.** Flowers are rosy mauve. Vigorous.

**Purple Dome.** A vigorous plant with large clusters of rich purple flowers.

A single plant of any variety, 70c.; 3 of one variety \$1.80; 10 for \$5.00

### Trollius

Trollius prefer rather rich and moist soil and at least partial shade. These giant buttercup-like flowers are very showy and create much interest.

**Ledebouri, Golden Queen.** 3 ft. A handsome variety with large, open flowers of beautiful golden yellow. Each 90c.; 3 for \$2.25; 10 for \$6.00.

### Tritoma • Red-Hot Poker

These striking spire-like blooms make effective accents in the perennial border and are charming in flower arrangements. Plant in a well-drained, sunny place and give the plants a light mulch of excelsior or any other suitable material for winter protection.

**Golden Sceptre.** Its saffron-yellow, 3-foot spikes create a fine display in summer. Vigorous grower.

**Pfitzeri.** The everblooming Tritoma. Bright orange-scarlet flowers with salmon-rose edges. Fine for cutting. 3 ft. July, Aug.

**Primrose Beauty.** Clear primrose-yellow. A graceful plant, flowering late in the summer. 3 ft.

**Robin Hood.** New. Orange-scarlet. Destined to become one of the most popular Tritomas. 3 ft. July, Aug. Each \$1.00; 3 for \$2.75.

**White Giant.** An outstanding novelty with extra-large, creamy white blooms. Produces almost continuously the entire summer. 3 to 4 ft. Each \$1.00; 3 for \$2.75.

All Tritomas, each 75c.; 3 of one variety \$2.00, except where noted

### Tunica • Tunic Flower

**Saxifraga alba flore-pleno.** 6 in. A rare new double white form. Blooms all summer.

**Saxifraga rosea flore-pleno.** 6 in. Lovely double rose-pink flowers from June to November, like a tiny baby's breath.

All Tunicas, each 60c.; 3 of one variety \$1.60; 10 for \$4.50

### Valeriana

**Coccinea** (*Centranthus ruber*). 18 to 24 in. A grand border plant. Showy rose-colored flowers produced freely in May and June, with few flowers appearing all through the summer.

**Coccinea alba.** A lovely white-flowering form.

**Officinalis.** Hardy Garden Heliotrope. 3 to 4 ft. Produces, during June and July, showy heads of rose-tinted white flowers, with heliotrope odor.

All Valerianas, each 60c.; 3 of one variety \$1.60; 10 for \$4.50

### Veronica • Speedwell

**Blue Spire.** A hybrid of *V. longifolia sub-sessilis* and *V. spicata* which has retained the glorious dark color of *Subsessilis*. 2 ft. July, Aug. Each 75c.; 3 for \$2.00; 10 for \$5.00.

\***Incana.** Bright silvery foliage with spikes of amethyst-blue flowers during July and August. 1 ft. Each 60c.; 3 for \$1.60; 10 for \$4.50.

\***Rupestris.** Creeping habit. Deep blue flowers in late May and June. Each 60c.; 3 for \$1.60; 10 for \$4.50.

### \*Vinca

Periwinkle; Trailing Myrtle

The Periwinkles are suitable to grow as edgings to shrubby borders, as a carpet for the ground under the shade of trees, or in shady borders.

**Bowles Variety.** The foliage is a rich glossy green, of strong texture. Flowers are large, of a deeper rich blue and are borne with remarkable profusion. Each 40c.; 3 for \$1.10; 10 for \$3.00; \$25.00 per 100.

### \*Viola Cornuta • Tufted Pansies

**Catherine Sharp, Improved.** 6 in. A splendid hardy blue Viola. The large flowers are carried on long, stiff stems well above the foliage. The brilliant yellow eye gives the lovely flower additional sparkle. Does well in light shade and is fine in the rock-garden. Blooms all summer.

**Jersey Gem.** Without doubt the best bedding Viola yet introduced, flowering continuously from April until heavy frost. Flowers pure violet, on stems about 6 inches long.

**Purple Heart.** Pat. 671. Its long stems and large, heart-shaped, purple flowers lend themselves to ideal flower arrangements. Each \$1.20; 3 for \$3.50; 10 for \$10.00.

**Velvet Giant.** Another new Viola that you will want. The gigantic blooms are almost 2 inches across. Velvety purple with a glowing sheen. Blooms continuously all summer. One of the largest Violas so far introduced. Each 90c.; 3 for \$2.50; 10 for \$7.50.

**Wedgwood.** One of the best, producing beautiful Wedgwood-blue flowers.

**Yellow Queen.** Another large-flowered type with deep pure yellow flowers.

All above Violas, each 60c.; 3 of one variety \$1.60; 10 for \$4.50, except where noted



# Michell's Select Fruits

## APPLES

Apple varieties may be classified roughly as self fruitful, partially self fruitful, and self unfruitful. Delicious and Wealthy are two good self-pollinators.

**Delicious.** A good late variety with rosy red fruit of good size. Truly delicious.

**Grimes Golden.** Late. Good size; yellow, and of fine flavor.

**Jonathan.** Winter. Fruit medium to large; brilliant red; flesh juicy, fine grained, tender and very highly flavored. Bears heavy crops every year, and comes into bearing early.

**McIntosh.** Winter. Medium size; nearly covered with bright red; flesh white, tender, juicy, sub-acid. Hardy, vigorous, healthy.

**Rome Beauty.** Late. Yellow shaded red; solid and juicy.

**Stayman's Winesap.** The best winter variety. Large, juicy, semi-sweet. Fine for eating and cooking. Prolific.

**Wealthy.** Late. Round, red, sweet. A good keeper.

**Yellow Delicious.** Winter. Tree comes into bearing early, producing heavy crops. Very thrifty, hardy, and vigorous. An outstanding golden commercial variety.

**Yellow Transparent.** Early and desirable. Good color; juicy and semi-sweet.

Apple trees, 5 to 6 ft., each \$2.50;  
doz. \$27.50

Quick-crop size: 6 to 7 ft., each \$5.00

## CRAB APPLES

**Hyslop Crab.** Large, round, deep red fruit. The best variety for jelly. Sept.

Crab Apple trees, 5 to 6 ft.,  
each \$2.50; doz. \$27.50

## Quintuplet Apple Trees

$\frac{1}{2}$ -1-in. cal. and up.

The popular 5-N-1 Apple varieties on each tree: **Anoka, Red Jonathan, Red Delicious, Yellow Delicious and Transparent.** Each \$6.00.

## APRICOTS

**Early Golden.** Orange-yellow, with faint blush; firm, coarse flesh. One of the best. 4 to 5 ft., each \$3.00.

## PEACHES

Peach varieties are generally self fruitful, but J. H. Hale produces impotent pollen. For that reason it is desirable to interplant with varieties bearing potent pollen.

**Belle of Georgia.** White, red cheek; flesh white, of good flavor. Freestone. Sept.

**Champion.** A large, handsome early white variety with red cheek; sweet, juicy. Aug.

**Elberta.** The standard market variety. Large; flesh yellow, juicy, and of high quality. A heavy bearer. Sept. 15.

**Golden Jubilee.** Resembles Elberta. Skin yellow with red flesh; flesh golden yellow, juicy and sweet. Freestone. Early Aug.

**Hale-Haven.** Ripens two weeks before Elberta. Very hardy. A perfect freestone of high color, yellow fleshed, large in size, good shipping qualities. Heavy bearer.

**J. H. Hale.** Larger than Elberta. Deep yellow with carmine blush; wonderful flavor. Stands shipping. Sept. 10.

**Salberta.** Late. Large yellow freestone. Ripens 10 days to two weeks after Elberta. Planted commercially in many sections.

All Peach trees, 4 to 5 ft.,  
each \$2.50; doz. \$27.50

Special quick-crop size: 6 to 8 ft.,  
each \$5.00

## CHERRIES

Sweet Cherries need cross pollination; use two varieties. Sour Cherries are satisfactory when planted alone.

**Black Tartarian.** Sweet. Very large; black; rich and juicy.

**Early Richmond.** Sour. An early variety of medium size; dark red fruit. Early June.

**Montmorency.** Sour. Large, dark red fruit, about 10 days later than Richmond.

**Napoleon (Royal Ann).** The best and most profitable yellow sweet Cherry. Flesh very firm, juicy, and delicious.

All Cherry trees, 4 to 5 ft., each \$3.00;  
doz. \$33.50

Quick-crop size: 5 to 7 ft., each \$6.00

## PEARS

Most varieties of Pears are self unfruitful, or self incompatible. Duchesse d'Angouleme has proved to be a desirable pollinator for the other varieties that we offer. Bartlett and Seckel will not cross pollinate; use Duchesse d'Angouleme if either or both of the above two are being planted.

## Summer Varieties

**Bartlett.** An old favorite. Juicy, well flavored and a good bearer. Aug.

**Clapp's Favorite.** A fine large yellow variety stained red; flesh fine-grained. Aug.

## Fall Varieties

**Anjou.** Large and handsome, yellow with red blush; good flavor. Late keeper. Oct.

**Duchesse d'Angouleme.** Large; flesh buttery, rich, and juicy. A good standard variety. Fine keeper. Oct.

**Kieffer.** Late. Rather coarse-grained, but when well ripened is good for both eating and preserving. Good keeper. Oct.

**Seckel.** A well-known, dark brown, small variety; flesh very sweet and juicy. Oct.

All Pear trees, 5 to 6 ft., each \$3.00;  
doz. \$33.50

Quick-crop size: 6 to 7 ft., each \$6.00

## PLUMS

**Abundance.** A very productive, large variety of light cherry-red color. Aug.

**Burbank.** Fruit round, cherry-red, with lilac bloom. Heavy bearer. Sept.

**Diamond.** Enormous, dark purple fruit with a beautiful bloom. Sept.

**Green Gage.** Large, greenish, sweet fruit of good flavor. An excellent variety. Sept.

**Shropshire Damson.** Late. Medium-sized fruit, in thick clusters. A strong grower and very productive of dark purple-colored Plums. The popular old-fashioned Damson.

All Plum trees, 5 to 6 ft., each \$3.00;  
doz. \$33.50

Quick-crop size: 6 to 7 ft., each \$6.00

## DWARF FRUIT TREES

Grafted on selected Malling stock No. 9. The ultimate size of these trees is 5 to 8 feet—ideal for home gardens. These trees are 3 years old, well branched.

G Good pollinator for other sorts

S Summer ripening

F Fall ripening

W Winter ripening

\*Please mark orders stock "L"

All varieties, each \$7.00; doz. \$80.00

## DWARF APPLE TREES

**Cortland.** GF **Golden Delicious.** GW.  
**Cox Orange.** W **Stayman's Winesap.** W.  
**Delicious.** \*SW **Wealthy.** GF.

## DWARF PEARS

**Bartlett.** GS.  
**Clapp's Favorite.** S.  
**Kieffer.** F.

## DWARF QUINCE

**Orange (Apple).** F.  
**Champion.** F.

## DWARF SWEET CHERRY

**Black Tartarian.** \*GS.  
**Yellow Spanish.** S.  
**Napoleon.** S.

## DWARF SOUR CHERRY

**Early Richmond.** \*S.  
**Montmorency.** \*S.

## GRAPE VINES

**Caco.** Red. Most delicious; perfectly hardy. Bunch of good size and form, compact. Rich in sugar, excellent in flavor. Vines very strong, vigorous growers, healthy and prolific. Each \$1.00; 3 for \$2.75.

**Catawba.** Red. Deliciously flavored, medium-sized berries.

**Concord.** Purple. The popular standard variety that succeeds wherever Grapes grow.

**Delaware.** Light red with violet bloom. Bunches and berries are small but compactly set, sugary and delicious.

**Fredonia.** Large black berry with heavy bloom. Cluster about medium size. Very early; good quality; new and promising.

**Moore's Early.** This is really an early Concord and is the standard early blue Grape. The vines are vigorous, healthy, and productive, bearing delicious fruit.

**Niagara.** Light greenish white. A strong grower. Bunches very large and compact. Berries large, semi-transparent; has very little pulp and is sweet to the center.

**Portland.** White. The earliest of all. Large bunch and berry; flesh sweet, juicy and of fine flavor. A valuable early Grape for the home garden. Each \$1.00; 3 for \$2.75.

All Grapes, 2-yr. vines, each 75c.; doz. \$8.50, except where noted

## BLACKBERRIES

**Alfred.** For the home garden, Alfred is the ideal Blackberry. The bushes are loaded with tremendous berries, practically free from seeds, coreless and extremely juicy.

**Eldorado.** Remarkably strong grower and an enormous producer of extra-size berries which are brilliant black and retain their color well. Very sweet and without core.

All Blackberries, extra-strong plants,  
doz. \$3.00; 100, \$20.00

## BLUEBERRY

Plant in acid but well-drained soil; space the plants 5 feet apart. The parent plants in our nursery have been inspected and found to be free of Blueberry "stunt disease." We offer the following varieties:

**Concord.** Bush of upright habit, at maturity exceeding 6 feet in height. The berries are large.

**Jersey.** Very large and vigorous in habit. The light blue berries are very large.

**Rancocas.** Slender, vigorous, upright habit, rarely surpassing 5 feet in height. The berries are earlier and larger than Rubel.

**Rubel.** Well-developed bushes stand 6 feet or more high. The large berries are of fine blue color; bears a good crop every year. Ripens about two weeks later than Concord.

All Blueberries, 15 to 18 in., each \$1.75;  
doz. \$18.00

## THE NEW BOYSENBERRY

### The Finest Vine Berry Yet Developed

A new hybrid vine berry developed from the Blackberry, Loganberry, and Raspberry.

The fruit, which is dark purple at first, becoming black when fully ripe, is of blackberry form with berries 1½ inches long, with occasional fruit an inch longer.

The flavor is distinctively its own but somewhat resembles the raspberry; the sugar content is high. Doz. \$3.00; 25 for \$5.50.

## RASPBERRIES

**Cumberland.** Blackcap. The largest Raspberry known. Selected specimens measure an inch in diameter.

**Latham.** The finest red Raspberry. More productive than any other. The berries are very large, bright red; wonderful flavor.

**Newburgh.** Midseason. Vigorous, hardy, and very productive. Very large, firm; does not crumble. Precedes Latham a few days. An excellent shipper and keeper.

**Ranere Everbearing.** Brilliant red fruit of good size and excellent flavor; in fact, no good quality of the regular Raspberries is lacking in Ranere.

All Raspberries, extra-strong plants, doz., \$3.00; 100, \$20.00

## STRAWBERRIES

### STANDARD EARLY VARIETIES

**Blakemore.** Fruit is firm, light in color and unexcelled. Ranks high in productiveness.

**Dorsett.** Perfect. The berries are beautiful in appearance, with light color, bright green cap, large size, and attractive shape.

**Fairfax.** Perfect. The berries average very large and firm and, picked at the proper time, are a bright red with a light green cap; as they ripen, they become very dark red.

**Premier.** Perfect. Enormously productive, commencing early and bearing through a long season. The flavor is delicious.

**Starbright.** Brighter red than Dorsett, with firm, luscious berries of delightful flavor. A favorite early variety.

### MIDSEASON VARIETIES

**Big Joe.** Perfect. The merits of this excellent variety are great vigor of plant, fine root-system, exceptional productiveness, large size of fruit, excellent flavor.

**Catskill.** Best midseason berry. Large berries, equaling Premier in flavor, carrying a bright green cap.

### LATE-SEASON VARIETIES

**Aroma.** Late. One of the best late varieties. Fruit is large, bright glossy red, of excellent carrying quality.

**Chesapeake.** Perfect. The berries are handsome in appearance because of their large size, rich color, glossy surface, uniform shape and bright green cap.

**Lupton Late.** Its double, dark green cap sets the fruit off beautifully. Plentiful large, bright, flame-colored berries.

### STANDARD VARIETIES

**Layer Plants.** 25, \$1.50; 50, \$2.50; 100, \$4.00.

**Potted Plants.** 25, \$3.50; 50, \$6.50; 100, \$12.00.

## STRAWBERRY

### « "BRUNES MARVEL" » »

This wonderful Strawberry has passed the test for *quality* and *bardiness*. The fruit is almost free from acid and can be used for eating or canning with less sugar. The plants make exceptionally long roots, going down for moisture sometimes to 17 inches during dry summers. Pot-plants available in June.

25 plants \$5.00; 50 plants \$9.50;  
100 plants \$18.00

## EVERBEARING STRAWBERRIES

**Gem Everbearing Giant.** Even without its everbearing qualities, the Gem is a good berry, making a normal yield in the spring of firm, sweet, large, glossy, dark red berries. Repeats in the fall when berries are more or less a novelty and can be marketed at fancy prices or served on the home table.

**Mastodon.** This is unquestionably the most prolific of everbearing varieties. Bears continuously from June till frost, the late fruits being as large as the early crop.

**LAYER PLANTS,** 25, \$2.00; 50, \$3.50; 100, \$6.50

**POTTED PLANTS,** 25, \$4.00; 50, \$7.00; 100, \$13.00

## NUTS

### CHESTNUT

Several years ago, Chestnut blight destroyed our native Chestnuts. Since that time the U. S. Department of Agriculture has been searching for a blight-resistant strain. After many tests, it was found that a type of Chinese Chestnut was not only blight-resistant but an early bearer of large, good-quality nuts. For many years trees were being offered only for experimental purposes, but at last we have enough to offer through our catalogue. Chinese Blight-Resistant Chestnut, 2-yr. transplanted, 2 to 3 ft., each \$6.00.

### ENGLISH WALNUT

A familiar nut in the stores, but it is not generally known that the English Walnut can be grown to perfection in many eastern states. It could mean to the Middle Atlantic area what the pecan means to the deep South. 2 to 3 ft., each \$6.00.

## Hedge Plants

### Berberis Thunbergi

#### BARBERRY

A good hardy plant of low, dense growth. It is a brilliant light green from early spring to winter. In autumn the foliage is bright crimson.

15 to 18-in. plants ..... Doz. \$7 50  
18 to 24-in. plants ..... 9 00

### New Red-leaved Barberr

The foliage of this new variety is of a rich, lustrous, bronzy red. All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun.

Strong 15 to 18-in. plants, doz. \$9.50  
18 to 24-in. plants, doz. 11.00

### California Privet

This most popular of all hedge plants should be set 1 foot apart in double rows, in zig-zag fashion, so that the plants are diagonally opposite each other. This practically places them 6 inches apart, which is desirable to get a quick, dense growth.

Doz. 50 100  
1½ to 2 ft. .... \$3 50 \$12 00 \$22 00  
2½ to 3 ft. .... 4 00 15 00 27 50  
3 to 4 ft. .... 6 00 23 50 40 00

(Special quotations on 1000 lots.)

### Boxwood

**Dwarf English.** We have a quantity of nice, dwarf, bushy stock for edging beds and paths. Boxwood grows into value and adds a unique charm to the garden. 4 to 6 in., 10 for \$5.00; 100 for \$45.00.

# Clematis

## A Garden Treasure

These large-flowered climbing forms bloom in summer and early autumn. Grows 10 to 15 feet and blooms profusely.

**Ascotiensis.** Azure-blue. July, Oct. Each \$1.25.

**Comtesse de Bouchaud.** Curved, veined petals, satiny rose to rich pink. Each \$1.50.

**Crimson King.** Large bright red flowers. June, Oct. Each \$1.50.

**Henryi.** A familiar variety with unusually large white flowers. June, Oct. Each \$1.25.

**Huldine.** A translucent white with mauve-pink markings. July, Oct. Each \$1.50.

**Jackmani.** Perhaps the most familiar. Violet-purple. June, Oct. Each \$1.25.

**Jackmani rubra.** The well-shaped flowers are rich red. June, Oct. Each \$1.50.

**Lawsoniana.** Large, bright blue flower. Always a favorite. June, Oct. Each \$1.25.

**Mme. Baron-Veillard.** The latest to flower. Warm lavender. Each \$1.25.

**Mme. Edouard Andre.** Bright velvety red in color. June, Oct. Each \$1.25.

**Paniculata.** Small white star-shaped flowers. 15 to 18 ft. Sept., Oct. Each \$1.00.

**Ramona.** Large lavender-blue flowers. June, Oct. Each \$1.25.

## Climbing Plants

**AMPELOPSIS quinquefolia.** Virginia Creeper. Especially adapted to covering stumps and trunks of trees. Extra-strong plants, each 75c.; 3 for \$2.00; doz. \$7.00.

**A. Veitchi.** Boston Ivy. Popular climber for brick and stone buildings and walls. Deep green; coppery red in autumn. Strong plants, each \$1.00; 3 for \$2.75; doz. \$10.00.

**ARISTOLOCHIA Siph.** Dutchman's-Pipe. Quick-growing vines; light green leaves give dense shade. Brown flowers shaped like a pipe. July. Each \$1.75.

**BIGNONIA radicans grandiflora.** Trumpet Vine. Strong grower. Rich green foliage; trumpet-shaped, dark red flowers with throats shaded orange. Free flowering. July, Aug. Strong plants, each \$1.00.

**CELASTRUS scandens.** Bittersweet; Wax-wort. Rapid-growing. Yellow flowers; bright orange-colored fruits, with red markings. Extra-strong plants, each \$1.00.

**IVY, ENGLISH (Hedera Helix).** Plants from 2½-in. pots, doz. \$3.50; 100, \$25.00. Plants from 4-in. pots, 30 in. high, each \$1.00; doz. \$10.00.

**LATHYRUS.** Hardy Pea. Excellent for training on pillars and columns. It flowers during most of the summer.

**L. latifolius.** Rich red.

**L., Pink Beauty.** Beautiful rose-pink.

**L., White Pearl.** Pure white.

Each 50c.; doz. \$5.00

**LONICERA japonica Halliana.** Hall's Honeysuckle. Flowers pure white, turning to yellow. Hardy evergreen. Blooms from June until frost. Each 75c.; doz. \$8.00.

**L. Heckrotti.** Flowers purple outside, yellow inside. Blooms all summer. Each \$1.50.

**POLYGONUM Auberti.** Chinese Fleece-vine. Hardy; quick grower. Long clusters of snowy white flowers which turn rose-color. Will not cling to wall. Extra-strong plants, each \$1.00; 3 for \$2.75.

**WISTERIA, Purple.** Somewhat fragrant blooms. Extra-strong plants, each \$1.50.

**W., Attractive Pink.** Extra-strong plants, each \$1.50.

# Water-lilies and Other Plants for the Garden Pool



Water Garden

## Hardy Water-lilies

### WHITE

**Gladstone.** Largest of white Water-lilies, requiring considerable space for best development. Flowers are pure white, cup-shaped, 6 to 8 inches across with golden yellow stamens. Leaves dark green. Each \$2.50.

**Hopalong.** Very large, pure white, very fragrant. Flowers often 6 inches across. A free bloomer. Each \$1.25.

### PINK

**Helen Fowler.** Deep pink with lighter center, borne well above the water. Flowers are not so large but are produced continuously. Each \$1.75.

**Marliac Carnea.** Large, soft flesh-pink, deeper toward center. Free flowering, with large purplish red leaves changing to deep green. Each \$2.50.

**Rose Arey.** Considered the most desirable of the fragrant Water-lilies. Brilliant pink. Petals are pointed and incurved, with golden yellow stamens. Excellent bloomer, producing very large flowers often 7 to 8 inches in diameter. Each \$3.00.

### YELLOW

**Marliac Chromatella.** Charming canary-yellow, 4 to 6 inches across. Leaves green mottled with brown. Each \$2.50.

**Sunrise.** One of the first to open in the morning. Free bloomer, 7 to 10 inches in diameter, and stands well above the water. Clear sulphur-yellow color. Each \$3.50.

### RED

**Attraction.** One of the most beautiful, often 8 to 10 inches across. On opening it is garnet-red with almost white sepals and stamens of rich mahogany, tipped with yellow. No pool is complete without it. Each \$3.25.

**James Brydon.** Cup-shaped flower of rich rose-crimson, 5 to 6 inches across. Early bloomer and rapid grower. Adapted to either tub or pool culture. Each \$3.50.

## Tropical Day-Bloomers

### WHITE

**Mrs. G. H. Pring.** Best pure white tropical Water-lily, producing large, fragrant, white flowers. Each \$2.75.

### PINK

**General Pershing.** The flowers are delightfully fragrant, and are of a fine bright pink color. One of the best of the pinks. Each \$3.50.

**Zanzibariensis Rosea.** Fragrant, deep pink, 6 to 8 inches across. Opens earlier in the morning than other varieties. Each \$2.50.

### BLUE

**August Koch.** Flowers are 7 to 8 inches in diameter and rise from 8 to 10 inches out of the water. Petals are pale wistaria-violet. An excellent variety, blooming freely. Each \$3.00.

**Henry Shaw.** A very popular sweet-scented blue with chrome-colored stamens. A very free bloomer. One plant alone may have from five to six blooms at one time. Each \$2.75.

**Pennsylvania (Blue Beauty).** This is one of the most popular blue varieties. The flowers are large and bloom continuously from spring until frost. Each \$3.00.

## Tropical Night-Bloomers

**Bissett.** Petals extremely wide, beautiful pink. One of the best growers. Each \$2.50.

**Dentata Superba (Juno).** Pure white, 10 to 12 inches across, with yellow stamens. Leaves are large, deep glossy green. Flowers very freely throughout summer. Stands well above water. Very noticeable at night. Each \$2.50.

**Devonshire.** Deep red, about 6 to 8 inches across. Open from 7 or 8 P.M. until 10 A.M. Each \$2.50.

**Omarana.** Flowers from 8 to 12 inches across, beautiful rosy pink. Stamens deep orange-red. One of the best and most free flowering of all night-bloomers. Each \$2.50.

## Aquatic Plants

### HARDY

**PONTEDERIA cordata.** Pickerel Rush. Blue flowers produced freely. Total growth about 2 feet. 3 for \$1.35.

**SAGITTARIA sagittifolia.** Giant Arrowhead. Long strap-like green leaves 1 to 3 feet above water. 3 for \$1.35.

### TROPICAL

**CYPERUS alternifolius.** Umbrella Plant. Will grow 4 feet high. Successful in small pools or in moist ground. 3 for \$1.50.

**HYDROCLEIS nymphoides.** Water-Poppy. Floating yellow flowers all summer. Not hardy. 3 for \$1.00.

**MYRIOPHYLLUM proserpinacoides.** Parrot's Feather. Rises about 6 inches out of the water. 3 for \$1.00.

## Floating Plants

**EICHHORNIA crassipes major.** Water Hyacinth. Lilac-rose flowers. 3 for \$1.00.

**PISTIA Stratiotes.** Shell Flower; Water Lettuce. A rosette of fluted blue-green velvety leaves. Grows best in a shady pool. 3 for \$1.25.

**SALVINIA braziliensis.** Salvinia. Dainty soft green leaves covered with a velvety nap of tiny hairs. The growth forms an attractive chain of these leaves which are about  $\frac{1}{4}$  inch in diameter. Each 50c.

## Oxygenating Plants

**ANACHARIS canadensis gigantea.** Giant Water Weed. A beautiful submerged plant with dark green ovate leaves and light stems. 3 for \$1.00.

## SPECIAL PLANT COLLECTION A-1.

Consisting of nine plants of our own selection to balance a ten-gallon aquarium. \$2.50.

## SPECIAL PLANT COLLECTION A-2

A splendid group of plants, to balance a 15 or 20-gallon aquarium, more than double the above collection and including some rare and very choice varieties. \$4.00.

# Herbs

**Chive.** Very popular in salads. Cut fairly close to the ground, from one plant at a time. The new growth will be more tender than the preceding.

**Lemon Verbena; Herb Louisa.** Requires a warm sunny location. Shrubby habit, producing leaves in whorls of three or four, with odor of lemon. In northern states, take it indoors for the winter. Use the leaves in finger bowls. Combined with peppermint it makes a refreshing tea.

**Peppermint.** Leaves and tender tops may be infused in cooling drinks. In demand for use as a tea either by itself or combined with lemon verbena.

**Spearmint; Lambs Mint; Julep Mint.** The popular Mint with light green leaves. No herb garden is complete without it.

**Rosemary.** A very fragrant herb, first introduced in 1548 and still a general favorite. Likes a sunny location and ordinary soil.

**Sage.** The dried leaves are used to season meats, dressings, cheese.

**Sweet Marjoram.** The hardy Marjoram used for seasoning. Flowers are picked for pot-pourri and mature flower heads are used to flavor cooking.

**Tarragon; Estragon.** This plant loves a dry soil in a warm sunny situation. Height 2 feet. Tarragon vinegar is much used in fine cooking.

**Thymus citriodorus.** Lemon Thyme. Delicious lemon scent. May be used as a flavoring for drinks.

**T. vulgaris.** Common Thyme. A favorite kitchen herb widely used as a flavoring for many kinds of dishes. Gather the shoots when blooms appear and dry for winter use.

**Winter Savory.** Quite hardy; more pungent than Summer Savory, the annual variety. A useful plant for edging the herb border or for use in a knot garden. Used as a seasoning. Grows in poor, stony soil.

All Herbs, each 60c.; 3 for \$1.60; 10 for \$5.00



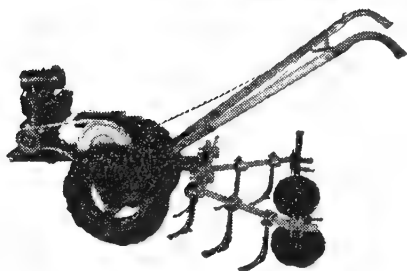
Peppermint



Sage

# Michell's

# Farm and Garden Tools



## Planet Jr. Garden Tractors

The Planet Jr. BP1 Garden Tractor has a 1½ horsepower motor, is light in weight and easily handled. Additional attachments for other practical operations are available.

The amount of work which it will do makes it ideal for the small farmer or home gardener. Price, less cultivator, \$178.00.

<b>B 8.</b> 2½ H.P. Engine.....	\$214 50
<b>B12.</b> Cultivator.....	35 95
<b>B40.</b> Snow Plow.....	31 50
<b>B58.</b> Cutter Bar. 34-in.....	89 50
<b>B21.</b> Plow with coulter.....	39 95
<b>B62.</b> Disc Harrow.....	43 50

## No. 11 Planet Jr. Double and Single Wheel Hoe, Cultivator, Plow and Rake

Price, Complete  
\$22.50



Equipment is complete, including one pair 6-in. and one pair 4½-in. hoes for weeding and shallow cultivation; four cultivator teeth for deeper and general cultivation; one pair plows for plowing; two 3-tooth and two 5-tooth rakes for cultivation.

## No. 12 Planet Jr. Double and Single Wheel Hoe, Cultivator and Plow

Price, \$19.50

Same as No. 11 but less the 4½-in. hoes and the rakes.

## No. 13 Double Wheel Hoe

Like No. 12, except that it is equipped with one pair side hoes only. Price, \$14.95.



## No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow

Price, \$14.95

Light, easily handled, and does good work. All steel except the handles; practically indestructible. Handles are adjustable for any height. Includes all equipment usually required in a garden. Fifteen-inch steel wheel; steel frame.

## No. 17 Planet Jr. Single Wheel Hoe

This is the same as No. 16, but without the rakes. Price, \$12.95.

## No. 17½ Single Wheel Hoe

Same as No. 17, except that there is no plow. Price, \$11.50.

## No. 18 Single Wheel Hoe

Like No. 17, except that it is equipped with one pair side hoes only. Price, \$9.95.

## No. 4 Planet Jr. Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Price, \$31.95



The No. 4 sows practically all vegetable seeds in drills, or drops in hills 4, 6, 8, 12, or 24 inches apart. In one operation it opens the furrow, drops seeds at the right depth, covers them, and marks the next row. By changing a single bolt it can be converted into a sturdy single wheel hoe, cultivator, or plow. Makes an ideal outfit for a medium-sized garden.

## No. 4D Seeder Only

Price, \$25.50

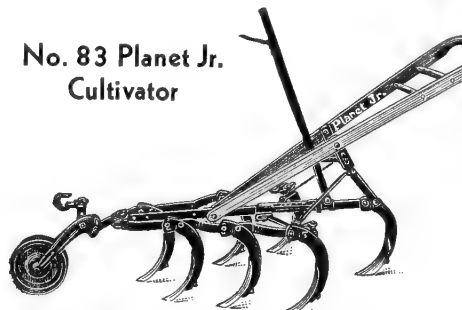
## No. 300 or 300A Planet Jr. Seeder

Price, \$34.95



This is rapidly becoming the most popular Seeder. It is a plate Seeder having three seeder plates, each with 13 holes, giving ample adjustment quickly and easily for any size seed. Hopper removable.

## No. 83 Planet Jr. Cultivator



Many gardeners like the 7-tooth Cultivator because it prepares the soil better than does the 5-tooth machine. Price, complete with steel wheel, \$25.95.

**No. 83D.** Price without wheel, \$22.95.

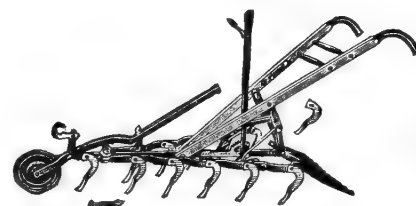
## No. 25 Planet Jr. Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow

Price, \$36.95



"The Complete Gardener." As a seeder it is just like the No. 4 illustrated above, and can be converted into a double or a single Wheel Hoe. It will cultivate both sides of a row until the plants are 20 inches high. Equipment includes all the tools necessary in any garden and is fine for the grower or large farmer.

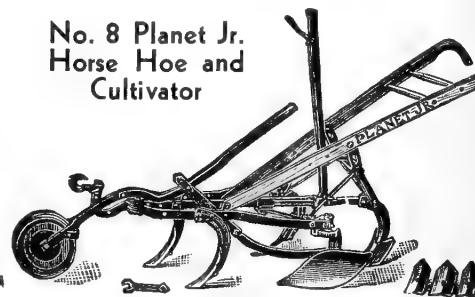
## Planet Jr. 12-Tooth Harrow Cultivator and Pulverizer



With the 12-tooth Harrow, you go as deep or shallow as you like, and come up close to the row without injuring plants. You widen and narrow between 12 and 32 inches.

<b>No. 90.</b> Complete with lever, steel wheel, and pulverizer.....	\$29 95
<b>No. 90B.</b> Without pulverizer.....	24 95
<b>No. 90D.</b> Without pulverizer and wheel.....	20 95

## No. 8 Planet Jr. Horse Hoe and Cultivator



The lever wheel and depth regulator enable the operator to increase or lessen the depth of tilling by a mere stroke of the arm. A perfect 5-tooth cultivator. Price, \$30.50.

## Gem Single Wheel Hoe

This is suited for almost any work in a garden. It weeds, hoes, hills, and harrows. Price, \$10.00.

Send for a copy of the  
PLANET JR. CATALOG



# MICHELL'S FARM AND GARDEN TOOLS

## Parts of Planet Jr. Wheel Hoes

Disc Hoes 3550-51X. Pair.....	\$5 45
4½-in. Hoes S100-S101. Pair.....	1 75
6 -in. Hoes S100-S101. Pair.....	1 90
7½-in. Hoes S100-S101. Pair.....	2 25
9 -in. Hoes S100-S101. Pair.....	2 50
Peat Land Hoes. Pair.....	2 65
3-prong Cultivator Teeth, S42. Pair...	2 25
Cultivator Teeth Regular, No. 1395, all steel. Each.....	55
Narrow Cultivator Teeth, No. 2775, all steel. Each.....	55
Rakes, 3-tooth, S24. Pair.....	1 50
Rakes, 5-tooth, S25. Pair.....	2 25
Plows for Double Wheel Hoes, M5. Pair.....	1 95
Plows for Single Wheel Hoes, R6. Each.	1 75
Double Mouldboard Plows, 4678X. Each.....	2 45
Handles. Pair.....	3 00

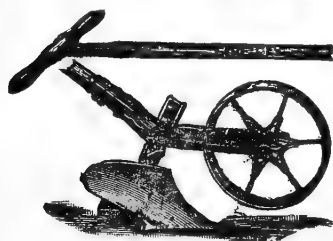
## Dandy Boy No. 200

Combination Double and Single Wheel Cultivator with 14 x 2 semi-pneumatic tires with ball-bearing wheels, including complete attachments consisting of pair of weeding hoes, pair of turn plows, and four cultivator teeth and wrench. Shipping weight 34 lbs. Price, \$18.75.

## Hand Plow

Excellent for hilling corn, potatoes, or any plants.

**No. 2006.** 6 in. wide; 5-ft. handle. Price, \$2.25.



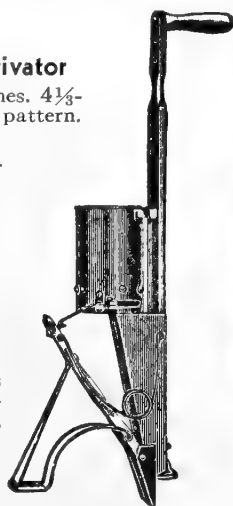
## Fire-Fly Garden Plow

Useful to owners of small gardens, and to chicken-raisers for plowing up scratching-yards. Price, \$7.50.

## Speedy Cultivator

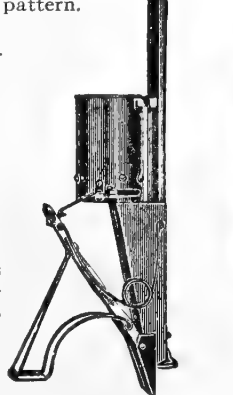
Four sharp tines. 4½-foot spring pattern. Handles.

**No. SL5.** \$2.25.



## American Hand Corn-Planter

A great seed economizer and labor saver. Easily operated, accurate and reliable; works in all kinds and conditions of soil. Price, \$4.00.



## Broadcast Seed Sower

For accurately sowing timothy, clovers, millets, and heavy seeds of grass and other farm crops. Can be regulated to sow any required quantity per acre.

**Cyclone.....**\$5 25



## Water-Ballast Roller

**No. 601.** Length, 14 in.; diam., 24 in. Weight empty, 70 lbs.; filled, 175 lbs. Price, \$18.40.

**No. 602.** Length, 24 in.; diam., 18 in. Weight empty, 85 lbs.; filled, 265 lbs. Price, \$20.80.

**No. 603.** Length, 24 in.; diam., 24 in. Weight empty, 100 lbs.; filled, 420 lbs. Price, \$25.00.

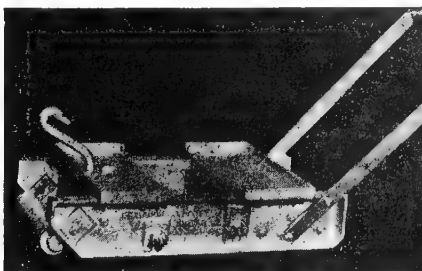
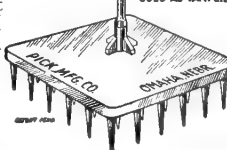
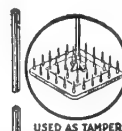
**No. 604.** Length, 24 in.; diam., 32 in. Weight empty, 130 lbs.; filled, 566 lbs. Price, \$28.00.

## Spike-Tooth Roller No. 8

For the small or medium-sized lawn. Steel tray can be weighted with stone or bag of sand. Roller 13 in. wide. Spikes 1½ in. long. Price, \$15.00.



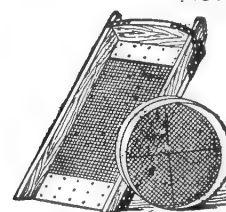
A combined perforator and tamper made of malleable iron. By loosening one nut it can be converted from spiker to tamper. Plates 9 in. square. Spikes 1½ in. long. Length overall, 4 ft. Weight, 13 lbs. Price, \$8.00 each.



## Champion Sod Cutter

This machine will cut in one hour as much as two men can cut in a day. The machine is so constructed that it can be adjusted to cut the sod to a uniform thickness, 1 to 2 inches; has a reversible knife. Price, \$95.00. Extra knives for above, \$25.50. Disc Knives, \$4.50.

## Sieves



Any size mesh.

**Galvanized wire, 18-in.**

½ in.....\$2 75

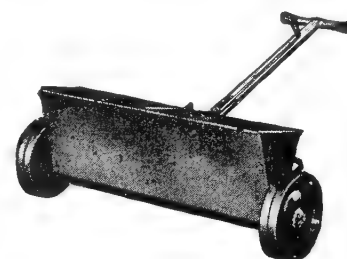
¼ in..... 2 75

½ in..... 2 75

¾ in..... 2 75

## Large Upright Sieve

For soil, gravel, sand, etc. Made in any size mesh, of extra-heavy grade foundry wire. Price, \$25.00.



## Michell's Fertilizer Spreader

The Spreader applies fertilizers in flower-beds and vegetable gardens before seeds are sown or plants set out. Is also used to sow grass seeds, top-dress lawns with sand or other dry materials, and for many other purposes. Adjustments can be made so as to regulate the quantity desired to be applied.

**No. 15AIT.** 16 in., 20-lb. cap. ....\$5 95

**No. 115ART.** 16 in., 40-lb. cap. ....10 25

**No. 215IT.** 24 in. ....23 25

**No. 315IT.** 36 in. ....29 95



## Handi-Cart

The successor to the wheelbarrow. Eliminates hard work and backache from shoveling or stooping to load up. Operation is as simple as using a dust-pan. Built extra strong to stand overloading and abuse.

**No. 18S.** 2 cu. ft. capacity.....\$10 50

**No. 20D.** 3 cu. ft. capacity.....15 25

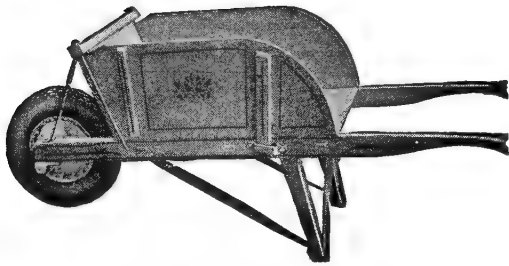


## Keystone Leaf Rack

This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass, and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. Price, not including wheelbarrow, \$13.75.

ALL PRICES SUBJECT TO MARKET CHANGES

# MICHELL'S LAWN AND POWER MOWERS



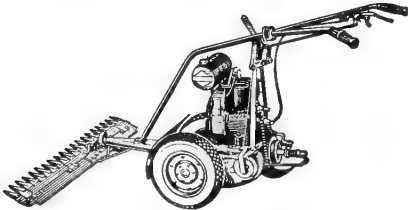
**Wheelbarrows**

**Great American.** Equipped with pneumatic rubber-tire wheel.

The measurements of Barrows indicate: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.

	Tire In.	Length In.	Depth In.	Width In.	
Steel Wheels					
No. 1.....	2	30	12	25	\$29 40
No. 3.....	2	26	12	22	24 00
No. 1. With rubber tire .....					\$37 50
No. 3. With rubber tire .....					32 25

## The National Sickle Bar Mower



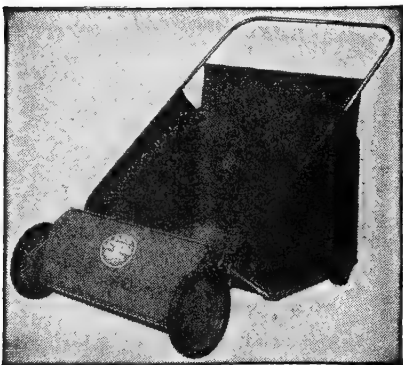
Cuts weeds and grass whether long or short, on practically all classes of ground—hilly or stony—around trees and shrubbery—on levels or in the rough. Engine drives, both cutting and traction, you only steer. 38 in. or 40 in. .... \$185 00

## The Coldwell Heavy Duty Mower

Perfect for use on estates, cemeteries, golf courses, etc. Without gang units, this Mower has a 30-inch cutting width and cuts from 5 to 7 acres a day. With two 21-inch gang unit attachments, cutting width increases to 66 inches and mower then cuts 12 to 14 acres per day. Develops 6.1 horsepower. Riding sulky can be supplied if desired. Price, \$570.00.

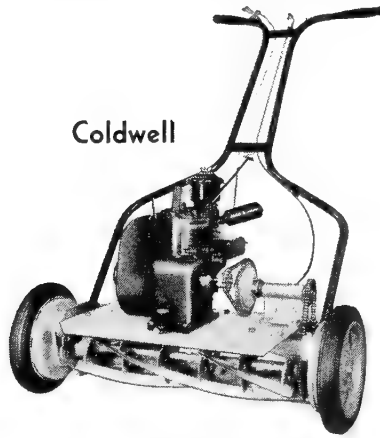
Two gang units.....\$127 00  
Sulky and attachments..... 63 50

## Lawn Sweepers



**Springfield.** 27-in., with semi-pneumatic tires.....\$49 70  
**Parkerette.** 20-in. .... 29 50

**Coldwell**



**The Bear**

It's powered with a Briggs & Stratton 1 horsepower engine and two heavy-duty chains take the power from the motor to revolving cutter and wheels. Revolving cutter has five steel blades and is ball bearing mounted. Cutting width, 21 inches. Weight, 129 pounds. Height of cut, 1/2 to 2 1/2 inches. Price, \$157.00.

## The Coldwell Super Bear

Powered with a 1 1/2 horsepower Briggs & Stratton engine. Clutch is special dry disc, automotive double friction type and two heavy-duty chains transmit power from motor to revolving cutter and wheels. Has five steel blades. Tires are semi-pneumatic rubber. Cutting width, 21 inches. Weight, 131 pounds. Height of cut, 1/2 to 2 1/2 inches. Price, \$167.00.



## Pennsylvania Power Mower Model R

A Pennsylvania quality special mowing unit scientifically designed and with sufficient weight to give maximum traction and stability.

Width of cut, 18 inches; weight of Mower, 111 pounds. Powered by a Briggs & Stratton 3/4 horsepower engine.

18-in. cut.....\$121 00  
21-in. cut..... 132 00

## The Badger Jr.

If you're a small home owner, the Badger Jr. is your answer. It cuts a 19-inch swath and weighs only 90 pounds. Features a Briggs & Stratton 1 horsepower engine and operates at 1 1/2 to 3 m.p.h. Price, \$115.00.

## Grease for Power Mowers Tube 75c.

## Pincor P-118 Power Lawn Mower

Features include 1 1/2-horsepower, 4-cycle engine, welded steel chassis, 5-blade reel, 18-inch cutting unit adjustable from 1/2 to 2 1/2 inches. Hand controls, rubber tires. Price, \$99.50.

## REO POWER MOWERS



**'51 Reo  
Royale  
Deluxe**

A completely equipped, fully shielded, big capacity de luxe power mower, at a price you ordinarily would pay for a stripped-down machine with 20% less capacity.

Big capacity 21 inch cutting width. Easy starting 1 3/4 hp., 4-cycle Reo engine, uses "regular" gas. Single "Magic Touch" control to start, stop, speed up or slow down. Dirt-proof and moisture-resistant drive wheel gear housing. New automatic re-wind starter. Price, \$124.50.



**'51 Reo Runabout**

The only self-propelled power mower in its price class that provides completely shielded clutch and drive mechanism, sealed gear housing, all steel construction, smart green and cream baked-on enamel finish.

18-inch cutting width. 1 1/4 hp., 4-cycle Reo engine; uses "regular" gas. "Magic Touch" finger-tip control to start or stop. Separate throttle control to speed up or slow down. Easy to maneuver. Adjustable handle, stands up for easy storage. Grass Catcher Attachment. Price, \$104.50.

## '51 Reo Town House Electric For Small Lawns

Self-propelled by electric power, the Reo Town House is the lazy man's power mower. Simply plug it into any 110v., 60 cycle AC light socket, and start cutting grass. Price, \$87.50.

## '51 Reo Deluxe Trimalawn

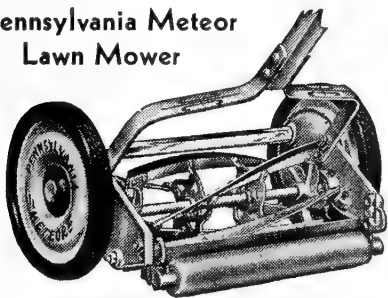
A "trimmer" type mower with a unique "knee-action" cutting unit that cuts to within 1/4 inch of walls, trees, and other barriers.

Big capacity 25-inch cutting width. 1 1/4 hp., 4-cycle Reo engine. Uses "regular" gas. Easy to use 3-wheel tractor—wheels ride within width of cutting unit, never trample un-cut grass; ends packing and ridges. "Magic Touch" control to start, stop, speed up or slow down. Handle adjustable to height of operator. Automatic re-wind starter. Price, \$210.00.

# MICHELL'S LAWN MOWERS, TRIMMERS, ETC.

## HAND LAWN MOWERS

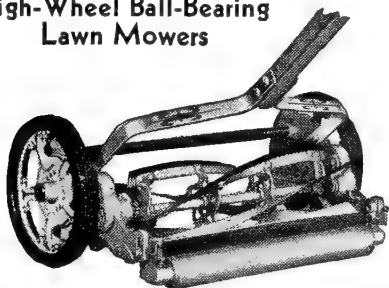
### Pennsylvania Meteor Lawn Mower



Built of aluminum by Penna. Lawn Mower Co. Weighs only 36 pounds. Quiet and fast. Pushes easily. Equipped with good-quality rubber tires. 10-in. wheels, 5 crucible steel blades.

16-in. cut. .... \$36 60  
19-in. cut. .... 39 00

### Great American High-Wheel Ball-Bearing Lawn Mowers



It has 5 extra-wide crucible tool steel blades, oil hardened and tempered; lower blade with raised edge. Braun self-aligning ball-bearings, hardened steel cup and cones, eccentric screw adjustment with positive lock; internal gear on each wheel; steel wheel axle screwed and bolted to side plate. Can be regulated to cut grass at a height of from 1/2 to 1 1/2 inches. Rubber tires.

15-in. cut. .... \$31 40  
17-in. cut. .... 33 35  
19-in. cut. .... 36 60

### Pennsylvania Jr. Ball-Bearing Mower

17-in. cut. .... \$42 15

### Pennalawn Mower

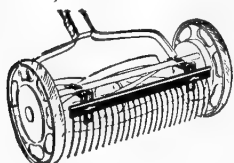
10-in. wheel, 5 blade. Rubber tires.  
16-in. cut. .... \$22 50

### Sunbeam Hand Mower

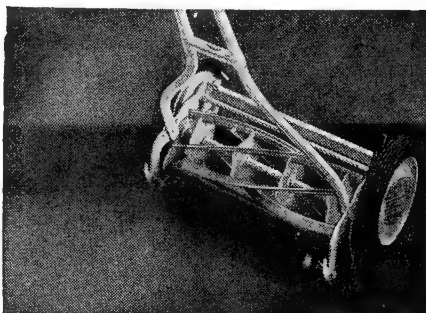
Equipped with rubber tires.  
14 in. .... \$24 25  
16 in. .... 25 25  
18 in. .... 26 25

### Crab-Grass Eliminators

Adjustable to fit all mowers. Lifts the seed spikes from the surface ready to be cut in the normal operation of the mower.  
14-in. width . . \$2 00



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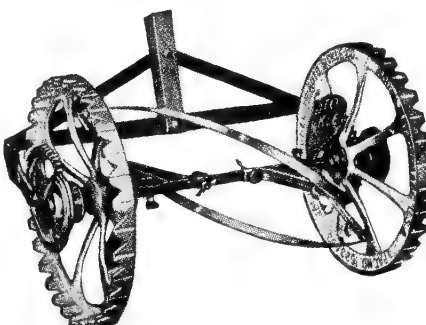


### Clemson Precision Lawn Mower

Self locking, cutting-height adjustment. Easy-rolling, light weight, rubber tires and many new features.

Model E. 17-in. cut ..... \$32 95  
Model 16. 15-in. cut ..... 22 95

### The Auto Sickle



A light machine to do much of the work done laboriously by scythe and sickle.

16-in. .... \$27 50

### Edging Knives

For trimming edges of paths, etc. No other implement will put a finish to a grass border, a walk, or a drive edged with sod like an Edging Knife. On straight work it is well to use a garden line so as to make a first-class job.

No. SL. American. With handle. Price, \$2.00.



### Turf or Sod-Lifters



American

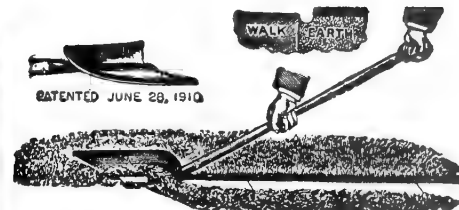
This tool is indispensable for cutting and handling sod. The long shank permits uniform thickness, which is impossible to obtain with a spade.

American. Steel blade, with an 18-in. steel shank and wood D handle. Price, \$4.65.



### Lawn Edger No. 2

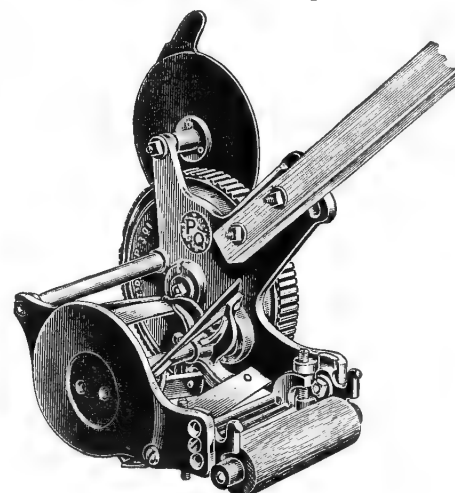
A simple steel disc device, with a flange that runs on the cement path, to cut away the grass which hangs over the edge of the walk. This revolving disc operates very easily and does not cut away any of the soil, which some people object to. Price, \$2.75.



### No. 136 Imperial Lawn-Edge Trimmer

With this tool the rough, straggling, overhanging grass along the edges of the walk can be trimmed in a few minutes. It plows a clean U-shaped trench, delivering the cuttings on the sidewalk. Price, \$2.00.

### Pennsylvania Combined Trimmer and Edger



This machine, consisting of the Ball-bearing Trimmer, equipped with a steel disc and a small plow, will trim the overhanging grass along the edges of paths and flowerbeds. Cutting width, 6 in. Price, \$21.80.

### GARDEX TOOLS

#### No. 750. Gardex Hollow Planter.

Lifts out the earth through its conical tube. This tool is especially suited for hard soil; with its pistol grip it is pushed into the soil, given a quarter turn and then lifted out. Diameter of hole, 1 1/8 in. Price, \$1.00.



#### No. 1523. Gardex Cultivator with Weeder.

Cultivate and weed with one tool. The 3-prong Cultivator loosens the soil thoroughly while the weeding-blade cuts off weeds quickly. One tool for two purposes. 3 prongs 4 1/2 in. wide. Weeding Blade 4 in. Price, \$1.75.



### Grass Catchers

Easy Emptying. Short iron handle, round back, galvanized sheet steel bottom, heavy duck sides.

No. 224. For Mowers 12 to 18 in. .... \$2 90  
No. G12. For Mowers 18 to 22 in. .... 3 12

### POWER MOWER GRASS CATCHERS

No. 244-15. 16 in. deep, 21 in. wide. \$4.50.  
No. 224-2. 18 in. deep, 24 in. wide. \$4.90.

### Lawn-Mower Oil

Pure Oil that will not gum or get sticky is an essential for the satisfactory operation of every mower. Qt. 50c.; gal. \$1.50.

# MICHELL'S FARM AND GARDEN TOOLS



**No. 1605.** Seven tools in **One—Gardex New Interchangeable Cultivator.** Only four parts. The wing screw holds all prongs tightly in place, yet permits quick changing to a Cultivator with 1, 2, 3, 4 prongs, thus one can cultivate in rows of various widths or straddle the rows. The one-prong tool can be used in small corners or very narrow rows, because the prong-holder is no wider than the prong itself. Price, \$1.95.

## Small Cultivator

The ideal tool for flower and rock-gardens.  
**No. 1503.** 4-ft. handle. Price, \$1.40.

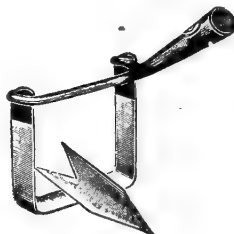


## Invincible Cultivators

This will be found a useful tool for weeding, loosening the soil, preparing seed-beds, etc. Price, with long handle, 3-prong, \$1.75; 5-prong, \$2.15.

## Garden Pull Hoe Weeder

Weeds efficiently even in hard, dry, heavy soil. Accomplishes five to six times as much weeding as is possible with the old-style chopping hoe.



**No. 1105.** With 1 Gardex Share. Width 5 in. Price, \$1.85.

**No. 1108.** With 2 Gardex Shares. Width 8½ in. Price, \$2.35.

## Steel Bow Rakes

Preferred by many to the regular garden Rake, the teeth being slightly bent toward the operator.

**No. B14.** 14-tooth.....\$2 20  
**No. B16.** 16-tooth.....2 35

## Fuller Lawn Broom

Well made of good material. Has 28 flexible spring steel teeth ¼ in. apart. Price, \$2.50.



## Bamboo Lawn Rakes

18-in.....\$1 50  
24-in.....2 00  
30-in.....2 75  
**Bamboo Jr.** 9-in.....75

## Tennis Court Rake

An exceptional Rake, 24 inches wide, with 36 teeth, braced on shoulders. This Rake is for special work on tennis courts, new work on golf greens, lawns, and for general purposes where a fine Rake is required. Price, \$5.00.

**No. 251. Curved Tooth Rake.** Equipped with Gardex handle socket which does not allow the handle to wobble.

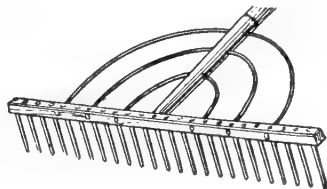
An all-steel Rake of good quality. 14 teeth. 5-ft. length. Price, \$1.50.



## Wooden Rakes

**Ames, No. 37X.** 28-tooth; width 26 in.: steel bows. Price, \$2.50.

**Teeth.** Doz. 60c.



## SC 14-Tooth Rake

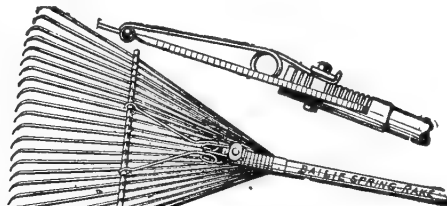


One of the best garden Rakes. Price, \$2.00. 16-tooth. Price, \$2.15.

## Floral Rake

Eight curved teeth, 2½ in. long. 4-ft. straight handle.

**No. FR.** Price, \$1.30.



## Disston Spring Rake

Ideal for lawn or driveway. Made from spring wire.

18-tooth.....\$2 75  
24-tooth.....3 60

## "New Rakette"

A sturdy, lightweight rake with flat teeth of high quality steel. Teeth are shaped to maintain full contact with the ground while raking. Reinforced by teeth-spacing bar which adds strength and keeps teeth in alignment.

**K-11.** (20 teeth).....\$1 50



## Lawn and Dandelion Rake

**No. YDT.** Curved saw-tooth head; 26 teeth; width of head, 15½ in.; 5-ft. handle; steel braces. Designed for use in raking or cleaning lawns and yards. Teeth will not tear the grass roots and will exterminate dandelions by cutting off blossoms before seeds mature. Price, \$2.00.



## Sudbury Soil-Test Kit

**Professional Size. Model A.** Widely used by large growers, nurseries, greenhouses, and Government stations. Capacity, 200 individual tests. Inexpensive refills available. Price, \$24.95.

**Horticultural Size. Model B.** For the advanced amateur, or nurseries, growers, and greenhouses whose requirements do not call for the larger professional equipment. Capacity, 200 individual tests. Inexpensive refills available. Price, \$12.50.

**Club Model, C.** This new model in the famous Sudbury line gives a complete season of soil-testing at a far lower price than ever before. Makes 50 individual tests for nitrogen, phosphorus, potash, and acidity, showing how to lime and fertilize for best results. Price, \$4.75.

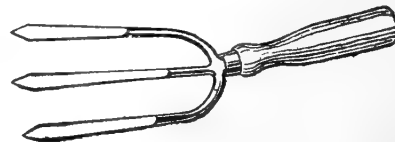
**Home Gardeners Size. Model D.** A 20-test Kit. Complete with instructions and data on plant needs. Price, \$2.50.



## Manure Forks

Each

**No. A-54½.** 5-tine. Long handle....\$3 15  
**No. A-4-D.** 4-tine. Light, D handle 2 90  
**No. A-44½.** 4-tine. Long handle.... 2 90



## Brades English Digging Fork

**No. 3349.** 3-prong. Made of Birmingham steel; fine for loosening soil in the garden. 12 in. long. Price, \$1.50.

**Stainless Steel Fork.** 3-prong. A better type. Price, \$3.50.

## Spading Forks



Strapped shanks; short or D wood-handle. Made of best-quality steel.

**No. SAHD. Men's.** 4-tine. Heavy...\$2 90

**No. SALD. Men's.** 4-tine. Light.... 2 50

## Hay Fork

Tapertite ferrules.  
Flex-beam



**No. AB36.** 3-tine; 6-ft. handle..... 3 00

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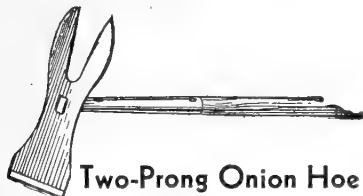


# MICHELL'S FARM AND GARDEN TOOLS, ETC.



## Garden Hoes

No. SG6 1/2. 6 1/2-in.; solid shank.....\$2 00



## Two-Prong Onion Hoe

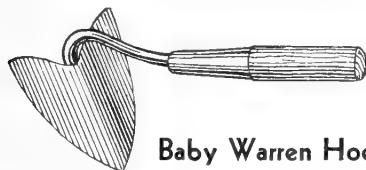
Will be found very valuable in weeding narrow rows. No. 2PWF. Price, \$1.25.



## Warren Hoes

Excellent tools for making drills preparatory to sowing of seed. The backs can be used for covering.

No. W7S. 7-in.....\$2 00



## Baby Warren Hoe

No. BW4 1/2. Short handle. Price, \$1.75.

## SBT7 Square-Top Hoe



These are the standard Hoes of the sugar beet industry, for which they were first designed. Price, \$2.00.



## Mattock Hoe

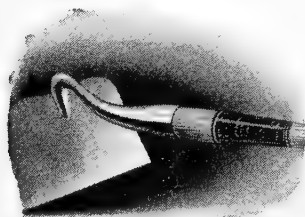
Blade and eye forged in one single piece. Blades black. Depth of head 12 3/8 in. Round eyes. 4 1/2-ft. handles.

No. MH3.....Width of Blades Price  
1 1/2 and 3 in. \$2 15

## Floral Hoe

Full polished blade, 4-ft. spring pattern handles.

No. FH. Price, \$1.65.

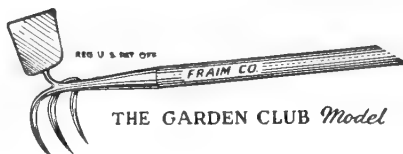


No. 9066 1/2. Field and Garden Hoe with Gardex socket pattern, high carbon steel blade. One-third polished. 4 1/2-ft. handle. Blade width 6 1/2 in. Price, \$1.20.

## English Scuffle Hoes

4-in.....	\$1 75	8-in.....	\$2 25
5-in.....	1 80	9-in.....	2 40
6-in.....	1 85	10-in.....	2 50
7-in.....	1 90		

## Small Combination Hoe and Cultivator



THE GARDEN CLUB Model

For hoeing, weeding and cultivating. Handy and practical. Bright nickel-plated steel; varnished 48-inch handle. Price, \$2.50.



## Manure Drags

For spreading manure, digging potatoes, etc. Flat tines.

No. BOH. 4-tine. Heavy.....\$2 80  
No. BOL. 4-tine.....2 40  
No. BOH. 5-tine.....3 00



## Steel Trowels

No. 211. These are made of one-piece steel blade and shank, with wood hand-grip.

6-in.....\$1 65  
No. 47. Disston Trowel. 6 in.....\$1 10  
No. 8111. Stainless Steel Trowel.....3 50

## Brades English Steel Trowel

No. 3348. Made with wood handle, this superior quality Trowel is just the tool required for planting. Overall length 12 in. Price, \$2.00.



## Cleve's Angle Trowel

No. 217. For getting dandelion, plantain and other weeds out of the lawn, and transplanting.

6-in.....\$0 35



## Transplanting Trowel

No. 217A. Steel shank and blade. Price, \$1.75.

No. 800 AT. Steel Trowel. Price, 25c.

## Dibbles

For Planting Bulbs, etc.

Equipped with wooden handles.

No. 2180. Brass point. Price, \$2.10.

No. 218. Iron point. Price, \$1.55.

No. 751. Gardex Dibble. Made of steel, hollow, light as a feather, with a pistol grip which does not tire your hand when planting. Size overall 11 3/4 in. Price, \$1.15.

## Ideal Dandelion Extractor SL-12

This simple device is the best thing of its kind ever used for taking weeds out of the lawn. It is not necessary to get down on hands and knees to operate it. The cutting blade is of the best steel, equipped with a convenient handle. Price, 60c. each.

## Cleveland Lawn Weeder

Easy to operate; saves the back. The curved edge of the blade enters and loosens the soil, pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull dislodges it without disturbing the surrounding soil. Price, \$1.35.

## Excelsior Weeder

Made of malleable iron, finished in tin. Price, 25c.

## Speedy Hand Weeder

No. SHW. Price, \$1.50.



## Magic Weeder

## Magic Weeder No. H Style

Made of heavy, galvanized, flexible wire with flattened prongs or ends.

No. A. Short handle; small.....\$0 20  
No. B. Short handle; medium.....30  
No. BB. Long handle; medium.....50  
No. F. Long handle.....1 25  
No. G.....1 50  
No. H. Long handle; large.....1 75

## Hazeltine Weeder

No. 200. Price, 60c.



## Clyde Tree Trimmer

No. 5407. Both blade and hook are made from the best tool steel, firmly riveted to basswood handles. Removable cutting blade and pole complete.

6-ft.....\$3 50  
8-ft.....4 00  
10-ft.....4 50  
12-ft.....5 00  
14-ft.....5 50

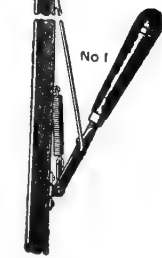
Extra Blades for Clyde Pruners, each 25c.



## Bartlett Compound Tree Trimmer

No. 1R. This has a compound lever head and is made with a hook and side lever. Calculated for heavy work and will cut a limb 1 1/4 inches in diameter.

Prices, with pole:  
6 ft.....\$11 50 | 12 ft.....\$13 50  
8 ft.....12 50 | 14 ft.....14 50  
10 ft.....13 00 | 16 ft.....15 00



## Disston Tree Trimmer

6 ft.....\$4 00 | 10 ft.....\$5 00  
8 ft.....4 50 | 12 ft.....5 50

## Pruning Compound

Qt.....\$1 00  
Gal.....3 00

## Poles for Tree Pruners

10 ft. long, 1 1/2-in. diam.....\$2 25  
12 ft. long, 1 1/2-in. diam.....2 50  
14 ft. long, 1 1/2-in. diam.....2 75  
16 ft. long, 1 1/2-in. diam.....3 25

# MICHELL'S FARM AND GARDEN TOOLS, ETC.

## Ezy Wear Garden Gloves

A soft, pliable, All-leather, dirt-proof Glove for both men and women. Specially adapted for general home use. \$1.50 per pair.

**No. 825. Men's Short Gauntlet.** Sizes 9 and 10. \$2.00 per pair.

**No. 817. Women's Short Gauntlet.** Sizes 6 and 7. Brown leather \$2.00 per pair. White leather \$2.25 per pair.



## Pruning Gloves

**No. 280.** Horsehide, with gauntlets, Pair lined.....\$3 75

**No. 217.** Horsehide, with gauntlets, not lined..... 3 25

**No. 228F.** Horsehide, no gauntlets, not lined..... 2 75

## Brooms

	Plain Corn	Rattan Push	Fibre	Each
<b>Fibre.</b> Metal case.....				\$1 75
<b>No. 8.</b> Corn and Rattan mixed.....				1 75
<b>Golf Greens.</b> Birch....Doz.				\$7.25.. 75
<b>No. 7.</b> Plain Corn. Extra quality....				1 75

## Road Brushes (With Handles)

**No. 271.** Rattan Push. 14-in.....\$2.50

## Implement Handles

	Each
<b>Axe</b> .....	\$0 75
<b>Spade.</b> Plain.....	1 00
<b>Spading Fork.</b> Plain.....	1 20
<b>Manure Fork.</b> Plain; short.....	90
<b>Manure Fork.</b> Plain; long.....	90
<b>Shovel.</b> Plain; short.....	90
<b>Spade.</b> Plain; short.....	1 10
<b>Hoe.</b> Plain.....	90
<b>Rake.</b> Plain.....	90
<b>Pick or Mattock</b> .....	1 00
<b>Poles.</b> 12-ft.....	2 50
14-ft.....	2 75

## Dock and Thistle Cutter



**No. SSS.**.....\$2 50

## Screw Drivers

	Each
4-in.....	\$0 50
8-in.....	75

## Post Hole Diggers

**No. 8. Earth Auger.** This bores a hole 3½ feet deep and can be adjusted in diameter from 8 to 14 in. Price, \$10.00.

**No. 15. Eureka. Post-Hole Digger.** Price, \$3.50.

**Post-Hole Spade.** All steel with tamper end. Price, \$4.25.

## Soil Auger

A handy tool used extensively for tree-feeding. Will cut a 1-inch hole in the heaviest soil to any depth up to 30 inches. Price, \$4.75.

## Picks

(Price with handle.)

All steel double point.....	\$2 75
Handles, each.....	90

## Mattocks

(Price with handle.)

Pick pointed.....	\$3 75
Axe pointed.....	2 65
Half Mattocks or Grub Hoes.....	3 30
Handles, each.....	1 00

## Scythes

The Little Giant is the best American-made Scythe for field and heavy grass work.

<b>Little Giant.</b> 32-in.....	\$3 00
34-in.....	3 00
36-in.....	3 00
<b>Little Giant Bush or Briar</b> .....	2 50

## Austrian Scythe

**No. 5.** The curved wide heel causes the grass to fall forward in place over the snath, which makes this Scythe so easy to handle.

Length	
30-in.....	\$6 50

## English Scythe

Rivetback

32-in.....	\$4 00
34-in.....	4 00
36-in.....	4 25

## Scythe Handles

**No. 30.** Made of hardwood, well finished. **Regular Scythe Style.** Price, \$4.00. **Snath Clips.** Price, 40c.

## Tree Scraper

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened.

**No. 3.** Short handle. Price, \$1.50.

## Corn Knife

**No. 300. Eureka.** Bent blade. Price, 90c.

## Horticultural Knives

**No. 727W.** 2 blades. Price, \$3.75. **No. 1001.** 1 blade. Coconut handle. Price, \$2.75.

## Steel Hedge Knife

For cutting heavy brush, shrubbery, hedges, etc. Made of the finest steel. **No. 1.** Short handle. Price, \$1.60.



## English Bill Hooks

For trimming heavy shrubbery, trees, etc. **Short Handle.** Price, \$3.50.



## Flat Files

	Each
8-in.....	\$0 75
10-in.....	90
12-in.....	1 00

## Scythe Stones

	Each
<b>Sir Pike.</b> Talacre Style. 9½ in.....	\$1 00
<b>Darby Creek.</b> .....	65



## Carborundum Rifle

Price, 50c. each.

## Axes

**Plumb Made.** Medium, man's size; made of best-quality steel. 3½ lb. Price, \$4.00

## Steel Hammers

**No. 145.** Plumb. Price, \$2.75.

## Hatchets

Made of the best-quality tool steel that will keep an edge.

**Plumb.** Price, \$3.75.

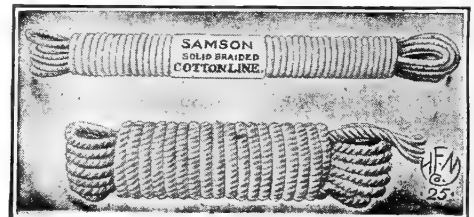
## Streamline Grindstone

Substantially made; heavy steel frame with seat and double treadles. Fitted with improved ball bearings of the very best quality, encased so they will keep clean. Stone, 19 to 22 in. diam., 1¾ to 2¼ in. thick. Weight, 100 lbs. Shipped knocked down, crated. Price, \$24.50.

## Rubbish Consumers

**No. 5.** Made of heavy, crimped wire; meshed top and bottom; galvanized; 29 in. high. Price, \$7.50.

**Round Hole, Steel.** Price, \$7.50.



## Garden Line

Best-quality white cotton braid, woven closely. 100-ft. hanks. Price, \$1.75.

**Plow Line.** Cotton. 45-ft. hanks. Price, \$1.00.



## Mitchell Shovels, Short Handle

<b>R2UD.</b> Round point. D Handle.....	\$2 65
<b>S2UD.</b> Square point. D Handle.....	2 65



## Shovels, Long Handle

<b>No. R248.</b> Round point.....	\$2 65
<b>No. S248.</b> Square point.....	2 65

## Floral Shovels

**No. FSH.**.....\$2 00

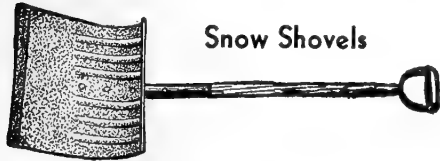
# MICHELL'S FARM AND GARDEN TOOLS, ETC.



**Spades**

## Standard Quality

**GSUD. Short Handle**.....\$2 65  
**Nursery**..... 8 50  
**GS48. Long handle. Square point**... 2 65



**Snow Shovels**

Each  
 Steel. 16 in. wide.....\$1 75  
 Aluminum. 20 in. wide..... 2 75  
 Owosso Steel. 16 in. wide..... 2 00



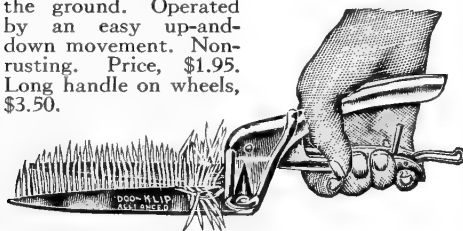
**Grass Shears**

For trimming along walks and curbing and in other inaccessible parts of the lawn missed by the mower.

**No. 1104. Disston**.....\$1 30  
**No. 1943. Disston Sheep Shears**... 3 25

## Doo-Klip

Keeps the hand off the ground. Operated by an easy up-and-down movement. Non-rusting. Price, \$1.95. Long handle on wheels, \$3.50.



**Grass Trimmers**

**No. 206T.** Price, \$1.20.

## Border Shears

Made of finest American steel. They take the place of edging knives and avoid the necessity of doing much stooping. The Shears without wheel work equally as well as those equipped with wheel; this feature is an item of individual preference only.

**No. 104.** 9-in. Without wheel.....\$5 50  
**Handles** for Border Shears. \$1.25 per pair.

## Sickles or Grass Hooks

**Village Blacksmith**.....\$1 00  
**Disston.** No. 1½..... 75  
**English Rivet Back.** No. 2..... 2 50  
**English Rivet Back.** No. 3..... 2 75  
**English Solid Back.** No. 2..... 1 75  
**No. L60. The Little Giant Long Handle Grass Hook** has a polished blade 12½ inches long, a pressed steel shank, enameled red, with a 42-inch handle. Price, \$1.15.  
**Little Giant Grass Hook.** Price, 95c.

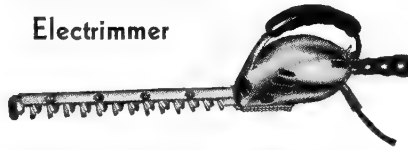
## Weed-Cutter

**UWCS.** Serrated edge. Price, \$1.50.

## Grasswhips

**No. 163.** Long handle. Serrated blade.\$1 65  
**No. 165.** Long handle. Plain blade... 2 00  
**No. USGT.** Long handle. Plain blade 1 25

**Electrimer**



Trims hedges ten times faster, and it's fun—not work. Operates from any ordinary light socket; cuts a clean, perfect swath through the toughest hedge growth. Trims 100 feet of hedge, top and sides, in 30 minutes. Complete with 8-ft. cord.....\$39 95  
 100 ft. best-quality 18-gauge ext. cord. 8 50  
 Length of blade, 12 inches

## Little Wonder Hedge Trimmer

The Little Wonder Hedge Trimmer cuts every variety of hedge grown, five or six times faster than the old-fashioned hand-shear method and makes hedge-cutting a pleasure.

### Little Wonder. Heavy Duty.

16-in. cut.....\$39 75  
 27-in. cut..... 75 00  
 36-in. cut..... 99 50  
 60-in. cut.....137 50



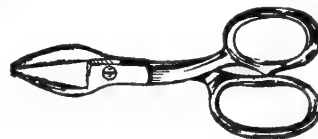
**Wiss Hedge Shears**

Superior construction; blades of high carbon steel, accurately hardened and tempered. Handles of drop forged steel with comfortable wood-grip handles. Don't tire the arms.  
 8½-in.....\$4 75  
 9½-in..... 5 00

## Aristocrat Hedge Shears

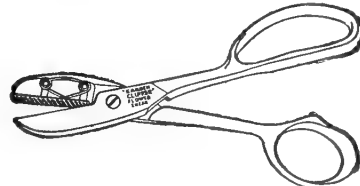
The lower blade is serrated to hold the branches while shearing.

**No. 1.** 8-in.....\$3 50



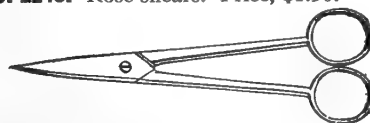
**Florist's Shears**

**No. 833.** 7½-in. Used for cut-flower wire, etc. Plain or serrated edge. ....\$2 90  
**No. 832.** 8-in..... 2 90  
**Wiss.** 8-in. For heavy wire and tin... 2 00  
**No. 10.** 11½ in. For heavy wire and tin. 2 70



**Flower Shears**

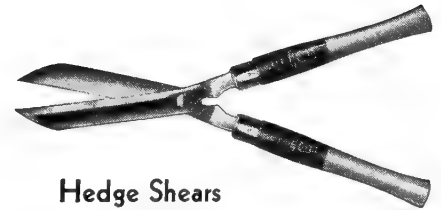
**No. 6156.** A wonderful help for cutting and gathering flowers. Snips and holds in one motion. Handy for picking flowers that are hard to reach. Price, \$2.50.  
**No. 1248.** Rose shears. Price, \$1.50.



**Grape Scissors**

For thinning out bunches of grapes and not disturbing the berries that are to remain for development.

**No. C4A.** 6-in. Price, \$2.60.



**Hedge Shears**

### Disston

**No. 160.** 6-in.....\$1 65  
**No. 30.** 8-in..... 4 90  
**No. 180.** 8-in..... 2 75  
**No. 30.** 10-in..... 5 20

**Lock Bolts, Nuts, and Washers** for Hedge Shears. 25c. each.

## Pruning Shears

No.	Disston	Length	Each
No. 158.	Disston	8½ in.	\$4 00
No. 142.	Disston	9-in.	2 75
No. 403.	Heavy Anvil Type		2 50
No. 4773.	American Rieser	9 in.	3 75
No. 4770.	Ladies' Type		
	Chromium finish	7 in.	3 50

## Imported Kunde Type Pruning Shears

**No. 560.** 8½-in.....\$4 25  
**No. 593.** Wider blade..... 4 25  
**Spiral Springs**..... 25

## Tiffany Lopping Shears

The blades are concave at the cutting edge, producing with the handles, an enormous leverage. The easiest operating Lopping Shears ever made or sold.

20-in. handles.....\$4 25  
 24-in. handles..... 4 50  
 28-in. handles..... 4 75



**No. 1 Forester Lopping Shears**

## Forester Lopping Shears

Powerful and ruggedly built Shears. Has patented slide-shift power slot.

**No. P120.** 20 in. long. Capacity, 1½ in. Weight, 2 lbs., 10 ozs. Price, \$8.40.  
**No. 2.** 27 in. long. Capacity, 1½ in. Weight, 4 lbs., 10 ozs. Price, \$9.40.  
**No. 3.** 34 in. long. Capacity, 2 in. Weight, 7 lbs., 4 ozs. Price, \$11.20.



**Disston Lopping Shears**

**No. 7.** All-steel blade and arms. Blade 3 in. long; arms 15 in. long. Hardwood handles, 8 in. long. Weight, 1¼ lbs. Price, \$5.75.



**Clyde Draw-Cut Lopping Shears**

**No. 5402.** Blade, hook, and shank are forged tool steel. Natural finish ash handles. Pressed steel stripped ferrule and cap  
 24-in. handles.....\$7 00  
 30-in. handles..... 7 60

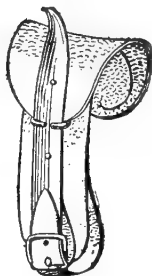
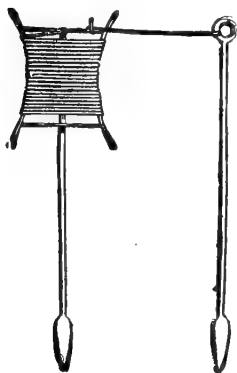
## Lopping Shears

Seymour-Smith. Wood handle.  
 Heavy blades for large branches.  
 30-in. handles.....\$3 50  
 22-in. handles..... 3 00  
 Light blades for small branches.  
 30-in. handles.....\$3 00  
 22-in. handles..... 2 50

# MICHELL'S FARM AND GARDEN ACCESSORIES

## Husking-Pins

**The Boss.** Combination, leather and metal. Price, 40c.



## Garden Reels

**Medium.** Single. Price, \$4.00.

**Small.** Single. Price, \$2.50.

## Disston's No. 55 Pruning Saw and Shear

The blade is made of Disston steel, taper ground, with a curving taper from butt to point, 9 1/2 inches on cutting edge; has long, slender, needle-sha'd teeth; 8 points to the inch.

Shear blade of Disston steel, hardened and tempered.

The hook will take a 3/4-in. or smaller limb. Shear blade is 4 in. long with 1 1/2-in. cutting edge. Inside diameter of socket, 1 1/8 in.; length, 2 1/4 in. Strong spring returns knife to open position. Price, \$6.80.

**SAW.** .....\$2 30  
**SHEAR.** ..... 2 80

## Carpenter's Saws

When ordering, state if rip or cross-cut is desired.

**Disston No. 8D.** 26-in. blade. Price, \$4.50.



## No. 114 Pruning Saw

The No. 114 Pruning Saw has a hook on socket for pulling branches out of trees. This Saw is generally used with a pole. Blade curved, taper ground, with 14-inch cutting edge. Long, slender, needle-shaped teeth. 8 points to inch. Price, \$4 30.



## No. D27

**No. D27.** A superior Saw for tree-surgery work. Steel blade 6 in. wide at butt; 1 1/4 in. at the point; 26 in. long; hardwood handle. ....\$7 20

## Disston Pruning Saws

**No. 4.** 18-in., double edge. ....\$3 55

**No. 5.** 20-in., double edge, curved blade. .... 4 10

**No. 200.** California Pattern. 14-in. Crescent-shaped blade. .... 3 80

## Cross-Cut Log Saws

**No. 554. Champion.** One-man. 3 1/2-ft. blade. ....\$7 00

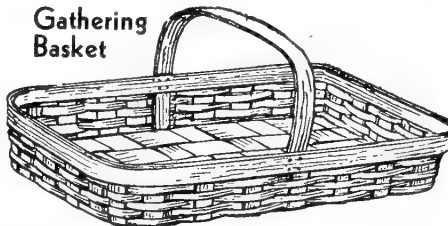
## Rubbish Baskets

A Basket for gathering up rubbish and will be found a great convenience. This Basket holds 3 bushels and can be carried or wheeled on a barrow. Price, \$5.00.

## Garden Baskets

1-bus. .... Each \$2 00

## Gathering Basket



Very convenient for carrying berry-boxes, asparagus, and other vegetables. Made of oak, with substantial handles. 12 in. wide, 25 in. long, 4 in. deep. Price, \$1.25.

## Flower-Picking Basket

Especially designed for gathering flowers with long stems. Featherweight and roomy. 19 in. long, 11 in. wide, 4 in. deep. Price, \$1.50



## Jones' Pot Bracket

**No. 1.** Holds 5-in. pot. Price, \$1.00.

**No. 2.** Holds 6-in. pot. Price, \$1.25.

## Horticultural and Garden Books

**Handy Book of Gardening.** By Wilkinson .....\$0 35  
**Book of Shrubs.** By Hottes ..... 3 50  
**1001 Garden Questions Answered.** By Hottes ..... 2 75  
**Woman's Flower Garden.** By Kift ..... 1 50  
**Soils and Fertilizers for Greenhouse and Garden.** By Laurie.. 2 50  
**Book of Perennials.** By Hottes... 2 50  
**Book of Annuals.** By Hottes.... 2 00  
**Plant Propagation.** By Hottes.. 2 50  
**Tuberous Rooted Begonias.** By Otten..... 2 00  
**Climbing Plants.** By Hottes... 3 00  
**Better Lawns.** By Sprague..... 2 00  
**Garden Planning and Building.** By Orloff and Raymore..... 2 75  
**Hardy Chrysanthemums.** By Cumming..... 2 50  
**10,000 Garden Questions Answered.** By Rockwell..... 3 95  
**Woman's Home Companion Garden Book.** By Wister..... 4 95  
**Vegetable Encyclopedia and Gardener's Guide.** By Tiedjens..... 1 00  
**Gardens in Color.** By Pratt..... 2 49  
**Garden Encyclopedia.** ..... 4 95  
**Favorite Flowers in Color.** ..... 4 95

## Bemis Erosionet

For New Lawns, Weak Lawns, and Stubborn Terraces



Erosionet is a strong, economical, open-mesh fabric made of tightly twisted paper twine. When placed over any seeded surface, its 1/4-inch-square mesh catches and holds seed and sod firmly in place. Thus, damaging washouts from heavy rains are effectively checked without cutting off the sunlight.

Erosionet is quickly and easily applied and can readily be removed when the grass has become established. One width only—45 inches. **Price, 22c.** per lineal yd. in full rolls (250 yds.). Smaller lengths, 25c. per lineal yd.

Staples for above. Doz. 50c.; 100, \$4.00.

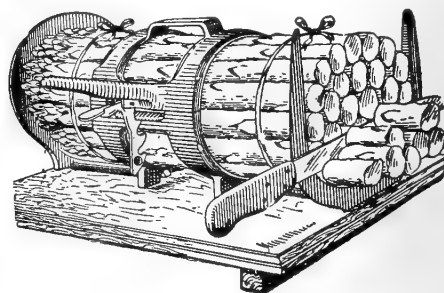
## Peat Moss, Granulated

Large bale...\$6 00  
1/2 bale..... 3 50  
1-bus. bags... 75



We offer only the highest grade, clean granulated Peat Moss, certified as to quality and uniformity. An excellent material for summer

or winter mulching, and a valuable source of organic matter when incorporated with the soil.



## Asparagus Bunchers

Even where one has a limited amount of asparagus to market, it pays to use a Buncher. Price, with knife-guard, \$5.50.

## Asparagus Knives

**No. 2500. Fishtail.** ..... Each \$0 70

## Asparagus Tape

**Red. No. 21.** 1000-yd. spool. Price, \$8.50.  
**Green. No. 17.** 1000-yd. spool. Price, \$6.50

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## BULBS

## PLANTS

## SUNDRIES

## FERTILIZER

## GRASS SEED

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## ZINNIAS FOR COLOR IN THE GARDEN

**ZINNIA, FANTASY.** The flowers have informally curled and twisted petals.

**WILDFIRE.** Dazzling scarlet.

Packet 15¢ Large Packet 50¢

**ZINNIA, ELEGANS—LILLIPUT.** Pastel Mixture.

Packet 10¢ Large Packet 25¢

**ZINNIA, HAAGEANA.** MEXICAN HYBRIDS, MIXED.

Packet 15¢ Large Packet 50¢

**ZINNIA, SUPER CROWN OF GOLD.** This mixture includes all shades. Height of 2½ feet.

Packet 15¢ Large Packet 60¢

**ZINNIA, DAHLIA FLOWERED MIXED COLORS.**

Packet 10¢ Large Packet 40¢

**COLLECTION F.** 1 Packet each of these 5 Fine Zinnias. 50¢ Postpaid

Refer to P29 for Illustrations in Color

## SPECIAL COLLECTION OF FINE PETUNIAS

**PETUNIA, ROSE QUEEN.** SINGLE, large-flowering, plain-edged dwarf type. Brilliant rose-pink.

Packet 25¢ Large Packet 75¢

**PETUNIA, ENGLISH VIOLET.** The same as English Violets. 15 inches high.

Packet 25¢ Large Packet 75¢

**PETUNIA, RUBY QUEEN.** A clear Ruby Red.

Packet 25¢ Large Packet 75¢

**PETUNIA, TOPAZ ROSE.** A fiery, velvety rose.

Packet 25¢ Large Packet 60¢

**PETUNIA, FLAMING VELVET.** Brilliant, velvety blood-red.

Packet 25¢ Large Packet 75¢

**PETUNIA, IGLOO.** Pure white flowers with a slight yellow throat. 8 to 10 inches in height.

Packet 25¢ Large Packet 75¢

**COLLECTION D.** 1 Packet each of these 6 Fine Petunias. \$1.25 Postpaid

Refer to P17 for Illustrations in Color

## FIRST CLASS

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Sec. 34.9 P. L. & R.

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# MICHELL'S SEED HOUSE

516-518 MARKET ST.

PHILADELPHIA 5, PA.

## TITHONIA, TORCH

**ALL AMERICA (SILVER MEDAL WINNER FOR 1951).** Anybody who can grow Zinnias can have loads of brilliant orange-scarlet 4" cut-flowers like Single Dahlias by mid-summer. 4½" high.

Packet 35¢

Large Packet 75¢

**LARKSPUR, NEW SUPREME STRAIN. MIXED.** Larger flowers, fully double and more closely spaced on the main stem than existing types.

Packet 25¢

Large Packet 60¢

## PETUNIA, FIRE CHIEF

**ALL-AMERICA® GOLD MEDAL WINNER.** Fire Chief, a dwarf, compact growing, bedding Petunia. Color is a bright scarlet-red.

Packet 25¢ Large Packet 75¢ 1/32 Oz. \$1.75

**ASTER, BALLET TYPE.** Large flowers, longer stems and will resistance. Mixed colors.

Packet 25¢ Large Packet 75¢

**NOVELTY COLLECTION.** 1 Packet each 4

varieties. \$1.00 Postpaid

Refer to Inside Front Cover for Illustrations in Color

## MINIATURE DAHLIA COLLECTION

	Each
Little Fireball	35¢
Andries Orange	50¢
Blue Bell	50¢
New Roseata	50¢
Roxana	50¢
White Fawn	35¢
Fiery red	
Bright orange	
Bluish violet	
Deep rose pink	
Royal purple	
Pure white	

1 Each of the 6 Miniature Varieties (\$2.70 Value) for \$2.35

## POMPON DAHLIA COLLECTION

	Each
Betty Ann	35¢
Edith Mueller	35¢
Little Herman	35¢
Morning Mist	35¢
Rita M.	35¢
Sherry	35¢
Soft clear pink	
Apricot peach	
Red and white	
White tipped lavender	
Bright red	
Deep purple	

1 Each of the 6 Pompon Varieties (\$2.10 Value) for \$1.75

Refer to Page 36 for Illustrations in Color

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ALL-AMERICA GOLD MEDAL WINNER. Fire Chief, a dwarf, compact growing, bedding Petunia. Color is a bright scarlet-red.

Packet 25¢ Large Packet 75¢ 1/32 Oz. \$1.75

ASTER, BALLET TYPE. Large flowers, longer stems and with resistance. Mixed colors. Packet 25¢ Large Packet 75¢

NOVELTY COLLECTION. 1 Packet each 4 varieties. \$1.00 Postpaid

Refer to Inside Front Cover for Illustrations in Color

## MINIATURE DAHLIA COLLECTION

Little Fireball	Fiery red	Each 35¢
Andries Orange	Bright orange	50¢
Blue Bell	Bluish violet	50¢
New Roseatra	Deep rose pink	50¢
Roxana	Royal purple	50¢
White Fawn	Pure white	35¢

1 Each of the 6 Miniature Varieties (\$2.70 Value) for \$2.35

## POMPON DAHLIA COLLECTION

Betty Ann	Soft clear pink	Each 35¢
Edith Mueller	Apricot peach	35¢
Little Herman	Red and white	35¢
Morning Mist	White tipped lavender	35¢
Rita M.	Bright red	35¢
Sherry	Deep purple	35¢

1 Each of the 6 Pompon Varieties (\$2.10 Value) for \$1.75

Refer to Page 36 for Illustrations in Color

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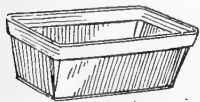
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# MICHELL'S FARM AND GARDEN ACCESSORIES

## Boss Fruit Picker

Made substantially of galvanized wire. Can easily be attached to a pole. Price, \$1.00.



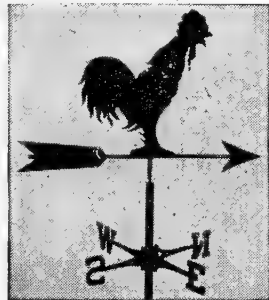
## Berry Boxes

	100	1000
1-pt. ....	\$2 00	\$18 00
1-qt. ....	2 50	20 00



## Grape-Protecting Bags

The fruit ripens just as readily in them as it does in the open. Bags should be attached when the grapes are the size of a pea, prior to which it is suggested that they be sprayed (even though not affected) against blight or fungus. Leave Bags attached until the fruit is ready to harvest. Price, 100, \$2.50.



## Weather-Vane

- No. 30.** Crowing Rooster. 19 in. long; 23 in. high. Price, \$8.95.  
**No. 5.** Windmill. 19 in. long; 22 in. high. Price, \$8.95.  
**No. 17.** One-horse Shay. 19 in. long; 22 in. high. Price, \$13.75.  
**No. 28.** Running Horse. 19 in. long; 20 in. high. Price, \$8.95.  
**No. 15.** Two-masted Schooner. 19-in. long; 22 in. high. Price, \$9.75.  
**No. 20.** Mistress Mary. 19 in. long; 23 in. high. Price, \$8.95.



## Germaco Hotkaps

Protects plants from frost and other elements; matures crops earlier; keeps insects out; keeps soil soft.

1000 lots.....	\$18 35
Trial Pkg. (250) including Setter and Tamper.....	5 90
Home Pkg. (100) including Setter and Tamper.....	3 15
Home Garden Pkg., containing 25 Hotkaps and Cardboard Setter.....	95
<b>Garden Setter.</b> Steel.....	1 95

## Tennis-Court Markers

**No. 5. Excelsior.** A practical low-cost Marker, easy to operate. Rear marking action only. Suitable for grass or dirt. Capacity, 2½ gallons. Price, \$30.00.



**No. 109.** The most practical Marker where dry lime is used. Price, \$4.00.

## Commercial Whiting

An improvement over lime for marking tennis courts and athletic fields. Will not crack or curl and is less affected by rain. 50 lbs. \$2.00; 100 lbs. \$3.75; bbl. (250 lbs.) at \$3.00 per 100 lbs.



## Glass Cutters

	Each
<b>Single Wheel.</b> Steel .....	\$0 40
<b>6-Wheel.</b> Steel .....	65
<b>No. 8A. Large Diamond.</b> Mahogany handle.....	10 50

## Liquid Glazing Putty

Superior to ordinary Putty; more easily applied and lasting. Can be put on with a putty bulb or mastic machine.

Especially adapted for glazing wood and metal sash. Gal. \$3.50; 5 gals. \$15.00.

## Masticote Glazing Cement

**Black.** Apply with a mastic machine. Gal. \$1.20; 5 gals. \$4.00.

## Greenhouse Paint

A superior white Paint for sash-bars, sash-frames, etc. Gal. \$7.00.

## Skybryte Glass Cleaner

For taking off whitewash shading, etc. Coat the glass with Skybryte, flush off with water, and glass is clean. Five pounds to 20 gallons of water is sufficient for 20,000 square feet of glass. 5 lbs. \$4.00; 25 lbs. \$16.50.



## Glazit Gun

**Model B.** Capacity 1 pint. For applying liquid glazing putty, mastic, etc. Price, \$4.30.

## Putty Distributor

For distributing putty, mastic, etc. Price, \$1.75.



## Glazing Chisel

Made of the best-quality steel. Price, \$2.50.

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## Glazing Points

**Peerless, No. 2½.** For double-thick glass. Price, \$1.00 per 1000.

**Seibert Style.** Zinc. Made with a prominent head. Cannot rust. Easily driven. ⅝-, ¾- and 7⁄8-in. Lb. 80c.; 5 lbs. \$3.75. (1000 to 1200 in a pound.)

**Zinc Glazing Nails.** Lb. 75c.



## Peerless Glass Repair Clamp

For supporting broken lights of glass. Will not rust. Price, 100, \$2.25.

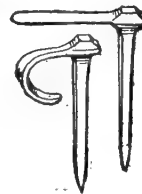
## Wayward Vine Guide and Support

For training and supporting Ivy, small fruiting trees and all other vines, etc., on brick, stucco, stone and cement walls without defacing. No nails—No holes.

Red for Brick  
Gray for Stone

White for Cement  
Box of 25, \$1.00.

## Wall Nails



For fastening climbing vines. Equipped with a soft metal clasp which holds the vine against the wall.

1½-in., doz. 80c.; 100, \$5.35.  
2-in., doz. \$1.00; 100, \$6.50.

## Grafting Wax

Used for budding and grafting work and for filling small cavities in trees. ¼lb. 30c.; ½lb. 45c.; lb. 75c.

## Grafting Tool

Made of the best steel. For grafting trees etc. Price, \$1.40.

## Compound Extension Ladders

These are made in the best manner possible and are complete, being equipped with the necessary rope and pulleys.

20-ft. ....	} \$1.45 per ft.
22-ft. ....	
24-ft. ....	
28-ft. ....	
30-ft. ....	

32-ft. ....	} \$1.70 per ft.
36-ft. ....	
38-ft. ....	
40-ft. ....	

**Aluminum.** Made to measure, \$3.00 per ft. Rubber feet, \$3.50 per pair.

## Single Plank Ladders

Made of good hardwood, free from faulty knots, and with perfect rounds.

8-ft. ....	} \$1.25 per ft.
12-ft. ....	
14-ft. ....	
16-ft. ....	

## Step-Ladders

**Columbia.** 3-step up to 10-step. Price per step, \$2.05.

## "GRO-QUICK" Electric Seed-Bed Heater

Seeds germinate faster, ready for transplanting two weeks sooner. For hotbeds, coldframes and plant benches. Operates on household current, adjustable thermostat and pilot light. Prices on extra cables will be gladly furnished on request.

<b>Junior Gro-Quick</b> (for 6 x 3 ft. bed)	
40 ft., 200 watt cable.....	\$6 75
<b>Senior Gro-Quick</b> (for 6 x 6 ft. bed)	
80 ft., 400 watt cable.....	\$9 00

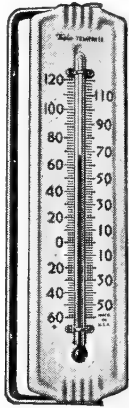
# MICHELL'S GARDEN AND GREENHOUSE ACCESSORIES

## THERMOMETERS

**No. 326. Maximum and Minimum.** Registers the coldest and warmest point during the previous night. 10-in., black tin case. Price, \$10.00.

### Tested Thermometers

- No. 5127.** Temprite Thermometer. 8 in. Black..... \$2 00
- No. 5317.** Temprite Thermometer. 8 in. Black..... 1 00
- No. 5316A.** Temprite Thermometer. 8 in. Black. Window or Wall..... 2 00
- No. 440.** Tin case. 8 in. Red column..... 3 00
- No. 441.** 10 in. .... 3 25
- No. 442.** Greenhouse Thermometer. 12 in. Black..... 3 50
- Greenhouse Thermometer. 8 in. Copper... 4 00
- 10 in. Copper... 4 25
- Greenhouse Thermometer. 12 in. Copper... 4 85



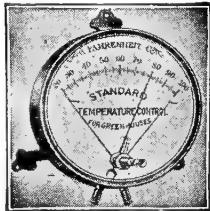
### Mushroom or Hotbed Thermometer

Iron point; oxidized finish. Price, \$4.50.

Thermometers should, wherever possible, be sent by Express. We do not guarantee safe arrival if forwarded by Parcel Post.

### Glass Dairy Thermometer

**No. 5715.** For testing milk, etc.; also used for soil purposes. Price, \$1.00.



### Electric Thermostat

This device can be set to ring an alarm when the temperature goes above or drops below a desired point. All brass.

**No. GH3.** Not waterproof style. Price, \$19.00.

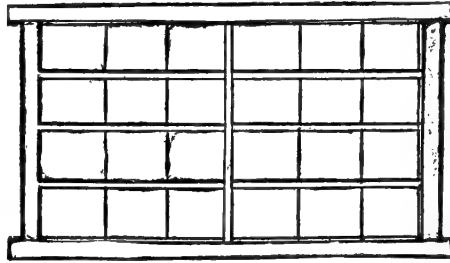
**No. GH4.** Waterproof style. Price, \$24.00.

### Celery Bleachers

**B. B. Patented Celery Bleachers.** Made of special-process material, scientifically treated to withstand moisture. With these Bleachers no banking of soil or putting up boards is necessary.

No.	Size	Doz.	100	1000
<b>B2</b>	6½ x 13 in.	\$0 55	\$4 00	\$36 00
<b>B3</b>	7 x 14 in.	60	4 50	40 00

**Celery Handler.** Brass, \$3.00. Tin, \$1.35.



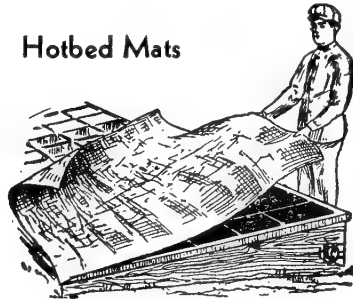
### Hotbed Sash

**Philadelphia Style.** Made of best-quality cypress. Size: 3 ft. 1½ in. wide, 6 ft. long, 1¾ in. thick. Each

Plain, not glazed or painted..... \$10 00

Complete, puttied, glazed and painted..... 17 50

### Hotbed Mats



Hotbed Mats keep frost and severe cold out of frames. They are padded with shoddy.

**Waterproof one side.** 76 x 76 in., for two sash. Each, \$9.50; doz. \$90.00.

**Waterproof one side.** 40 x 76 in., for one sash. Each, \$6.00; doz. \$63.00.

**Burlap, Non-Waterproof.** Each Doz.

40 x 76.....	\$4 00	\$44 00
76 x 76.....	7 00	80 00

### Flex-O-Glass

A glazed cloth used in place of glass in poultry houses, hotbeds, greenhouses, etc. Transparent and readily admits light, while at the same time withholding cold, water and wind. 3 ft. wide.

Cut pieces, 77c. per yd. Full-roll lots (100 yds.), 75c. per yd.

### R-V-Lite Vitapane

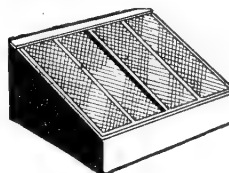
A new transparent glass substitute used anywhere that glass is required. Allows passage of more than 60 per cent ultra-violet rays. Made from cellulose and reinforced with a tough netting fabric.

36 in. wide, lineal foot.....	\$0 21
50-ft. roll.....	9 25
50-yd. roll.....	27 65

### Cel-O-Glass

Grow your own plants and get earlier flowers and vegetables with Cel-O-Glass. Use the new improved style on your coldframes and newly planted seeds. Not affected by hail, snow, rain or wind, and cannot break like glass. Highly translucent.

28 in. wide, cut pieces, per ft.....	\$0 35
In full rolls of 25, 50, 75 or 100 ft., per ft.....	32
36 in. wide, cut pieces, per ft.....	40
In full rolls of 25, 50, 75 or 100 ft. per ft.....	38



### Plant Stakes No. 10, Steel Wire, Galvanized

	Doz.	100	1000
2 -ft.....	\$0 35	\$1 90	\$16 60
2½-ft.....	40	2 30	20 10
3 -ft.....	45	2 70	23 60
3½-ft.....	50	3 10	27 30
4 -ft.....	55	3 30	29 10
4½-ft.....	60	3 95	34 65
5 -ft.....	65	4 35	38 30
5½-ft.....	70	4 80	42 00
6 -ft.....	75	5 20	45 65

### No. 8, Steel Wire, Galvanized

For staking American Beauty and other strong-growing roses.

	Doz.	100	1000
2 -ft.....	\$0 40	\$2 50	\$22 75
2½-ft.....	45	3 00	26 50
3 -ft.....	50	3 65	31 90
3½-ft.....	55	4 20	36 75
4 -ft.....	65	4 75	41 65
4½-ft.....	70	5 30	46 70
5 -ft.....	80	5 90	51 60
5½-ft.....	85	6 45	56 70
6 -ft.....	95	7 05	61 70

### Green-Painted Tapering Plant Stakes

	Doz.	100
1½-ft.....	\$0 60	\$3 10
2 -ft.....	85	4 80
2½-ft.....	95	6 75
3 -ft.....	1 15	8 25
3½-ft.....	1 35	10 00
4 -ft.....	1 60	11 75
5 -ft.....	1 95	15 25
6 -ft.....	2 40	18 75

### Green-Painted Rose or Dahlia Stakes

	Doz.	100
3-ft.....	\$1 80	\$13 75
4-ft.....	2 35	18 60
5-ft.....	2 90	23 75
6-ft.....	3 60	28 75

### Square Painted Plant Stakes

	Doz.	100
1½-ft.....	\$0 45	\$2 90
2 -ft.....	60	3 70
3 -ft.....	1 35	10 50
3½-ft.....	2 00	14 50
4 -ft.....	2 50	18 25
5 -ft.....	3 75	28 00
6 -ft.....	4 00	30 00

### Hyacinth Stakes

	100	1000
12-in.....	\$0 50	\$4 25
15-in.....	75	5 00
18-in.....	1 00	5 25

### Cane Stakes

These are very attractive for all-purpose plant-staking. Thin and very strong.

	Doz.	100	1000
1½-ft., green.....	\$0 20	\$1 00	\$6 00
2 -ft., green.....	25	1 25	7 00
2½-ft., green.....	30	1 50	8 50
3 -ft., green.....	35	1 75	10 00
3½-ft., green.....	40	2 00	12 00
4 -ft., green.....	45	2 15	13 00
5 -ft., green.....	50	2 25	16 00
6 -ft., green.....	55	2 50	19 00

### Neegards

#### The Modern Knee Protector

Ideal for gardening and housework, floor-work, linoleum laying, mining, deckwork. Makes kneeling on hard, rough ground or floors easy. They form-fit your knees and stay in place. (Can be worn over or under clothes.) Price, \$2.00.

### Rubber Kneeling Pads

Will protect the clothing and prevent knees from becoming damp. Price, 75c.

# MICHELL'S GARDEN AND GREENHOUSE SUPPLIES



## Stake Fasteners

These take the place of string entirely, lasting several seasons. Used for fastening cross wires to galvanized stakes.

Everlasting

Per box 500 Per box 1000

Everlasting Style. Heavy... \$1 60 \$2 75

## Poles (Wood)

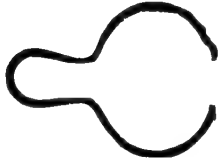
	Each	Doz.
10 ft. long, 1½-in. diam.....	\$2 25	
12 ft. long, 1½-in. diam.....	2 50	
14 ft. long, 1½-in. diam.....	2 75	
16 ft. long.....	3 25	

## Bamboo Poles

Used extensively for brushing worm-casts off putting-greens; also for staking young trees.

	Each	Doz.
16 ft. long.....	\$ 50	\$5 50
18 ft. long.....	65	7 00
20 ft. long.....	1 50	12 00

## Lightning Wire Stake Tie



For fastening plants to stakes, either wire or wood. Can be used many times. 100, 35c.; box of 1000, \$2.30.

## Tie Your Plants with "Twist-Ems"

"Twist-Ems" are dark green strong tapes with wire reinforcing that make perfect plant ties with a twist of the wrist. For plants, vines and arranging flowers.

16-in., box of 100.	\$0 50
8-in., box of 100.	25
4-in., box of 200.	\$0 25



## Train-etts

New weatherized trellis netting. Ideal support for sweet peas, garden peas, pole beans, cucumbers, tomatoes. Use instead of string or wire. (Wire in sun burns delicate tendrils.) *Doesn't rot like string—Lasts several seasons.* In 3 sizes: No. 1, 60 x 72 in., 65c.; No. 2, 60 x 96 in., 85c.; No. 3, 60 x 180 in., \$1.25, postpaid.

## Raffia

For tying, basket-making, and fancywork.

**Natural Color.** ½lb. 30c.; lb. 50c.; 5 lbs. \$2.25.

**Green.** ½lb. 90c.; lb. \$1.50; 5 lbs. \$6.50.

## Raffiatape

For tying bouquets, flower-boxes, or for any other purpose where attractive tying material is desired. Color, Nile-green. Spool of 250 yds. \$1.50; 6 spools \$8.50.

## Lawn Signs

Excellent for putting on grass plots where thoroughfare is not desired.

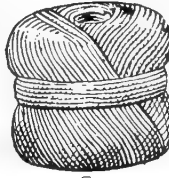
**Tin.** Painted black, white letters. 25c. each.

## "No-Gunning" Signs

Printed on heavy cardboard, with large black lettering. Size 12x13 in. Each 35c.; 6, \$1.80; doz. \$3.50.



Silkline



Green Sea Island

## Twines, Etc.

	Ball	Lb.
<b>White Cayuga.</b>		
No. 308. Medium.....	\$0 90	\$1 65
No. 208. Heavy.....	80	1 40
<b>Jute.</b> 2-ply and 3-ply.....	45	75
<b>White Cotton.</b> 3-ply and 4-ply	90	1 65
<b>Tarred.</b> For mat-making....	80	
<b>Tarred Sisal.</b> For fodder....		55
<b>Binder.</b> Large balls. 5 lbs....	2 25	
<b>Express.</b> Very heavy.....	70	
<b>Green Sea Island.</b> 1 lb. cones	\$1.90; 12 balls to a box	\$1.90.
<b>Green Silkline.</b> For stringing smilax, asparagus, etc. F, fine; FF, medium; FFF, coarse. Spool 50c.; lb. (8 spools) \$3.50.		
<b>Everbest Thread.</b> Very similar to the above; fast color. 2-oz. spool 25c.; lb. \$1.75.		

## SUNDRIES

**Bull Dog Clips of 1000.** For fastening packages, etc. Box 75c.

**Carnation Staples.** Wire. 1000, 50c.

**Celery Paper.** Width 36 in. 500 sq. ft. per roll. Roll \$3.50.

**Celery Tape, Fast Red.** No. 21. 1000-yd. spools \$8.50.

**Celery Tape, Green.** No. 17. 1000-yd. spools \$6.50.

**Charcoal.** Lump. Pk. 75c.; bus. \$1.75; bbl. sack \$3.75.

**Charcoal.** Ground. Coarse, fine, and powdered. 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$2.25; 50 lbs. \$4.25.

**Moss.** Green Lump. Bus. \$2.50; bbl. bag \$4.00.

**Moss.** Green Sheet. Lb. 75c.; 10-lb. bag \$6.00.

**Moss, Sphagnum.** Dry. Bbl. bag \$2.00; large bale \$5.00.

**Moss, Sphagnum.** Live. Pk. \$1.15; bus. \$3.00; bbl. \$5.00.

**Pearl Chips.** For bulb-bowls, aquariums, etc. White or colored. 1-lb. pkg. 15c.; 12 pkgs. \$1.50. In bulk, white, 10 lbs. \$1.00. Colored, 10 lbs. \$1.00.

**Peat or Leaf Mould.** Pk. \$1.25; bus. \$3.00; bbl. of approximately 2 bus. \$4.50.

**Peat, Orchid.** Lb. 60c.; 5 lbs. \$2.75; 10 lbs. \$4.50.

**Pebbles.** Qt. 15c.; pk. \$1.00; 100 lbs. \$3.00.

**Pruning Compound or Tree Dressing (Fraim's).** Qt. \$1.00; gal. \$3.00.

**Salt Hay.** For protection of plants and shrubs. 25 lbs. \$2.50; 50 lbs. \$4.75; bale (averaging 140 lbs.), 5c. per lb.; ½ton \$32.00; ton \$60.00.

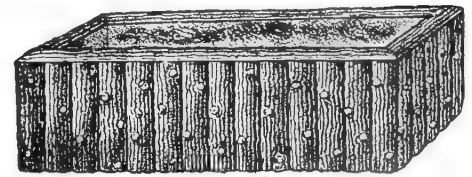
**Sand.** For propagating. Qt. 15c.; 25 lbs. 65c.; 100 lbs. \$2.00; 500 lbs. \$9.00.

**Shaderine.** For shading greenhouse glass. 5 lbs. \$2.50; 10-lb. can \$4.75.

**Soil.** For potting. ½pk. 35c.; pk. 65c.; 100 lbs. \$3.00.

**Soil, Plain Top.** 100 lbs. \$2.50; 500 lbs. \$11.50. Prices quoted for truckloads.

ALL PRICES SUBJECT TO MARKET CHANGES



Rustic Window-Box

## Window-Boxes

**Wooden, Rustic Bark Style.** Attractively made and neatly finished. For indoor or outdoor use.

	Depth Outside	Width Outside	Price
24 in.....	7½ in.	11 in.	\$3 25
30 in.....	7½ in.	11 in.	3 75
36 in.....	7½ in.	11 in.	4 50

Any length made to order, \$2.50 per running foot, 11 inches wide.

## Plain Wood Style

(Painted Green)

We recommend these for use at the temporary summer home in the country or at the seashore.

	Depth Outside	Width Outside	Price
24 in.....	6½ in.	8 in.	\$2 75
30 in.....	6½ in.	8 in.	3 00
36 in.....	6½ in.	8 in.	3 50

Any length made to order, \$1.00 per running foot, 8 inches wide.

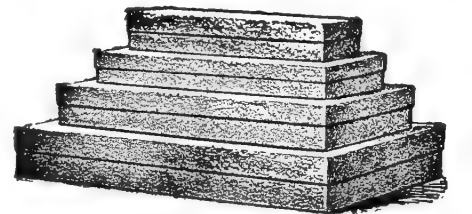


## Perfecto Flower-Boxes

Air-circulating; Self-irrigating

Made of coppered steel, which will neither rust nor deteriorate. Enameled green.

	Length	Depth	Width	Price
20 in.....	6 in.	7 in.		\$3 60
26 in.....	6 in.	7 in.		3 50
32 in.....	6 in.	7 in.		4 00



## Cut-Flower Boxes

	Doz.	100
21 x 5 x 3 in.....	\$1 65	\$12 50
24 x 5 x 3½ in.....	2 00	14 75
28 x 8 x 5 in.....	3 35	26 00
30 x 5 x 4 in.....	2 50	18 50
30 x 10 x 6 in.....	4 50	35 00

## Paper for Wrapping Flowers

	½ream	Ream
<b>Manila.</b> Heavy. 24 x 36 in....	\$5 00	\$9 00
<b>Manila.</b> Tissue, 24 x 36 in....	2 75	5 00
<b>White Wax.</b> 24 x 36 in.....	2 25	4 00
<b>Green Wax.</b> 24 x 36 in.....	2 25	4 00

# MICHELL'S GARDEN AND GREENHOUSE SUPPLIES



## Simplex Weather-Proof Plant Labels

The material carrying the writing is white celluloid, which is protected by a transparent cover of mica. Mark with an ordinary lead-pencil. Prices include wires for attaching.

	Doz.	100
No. 1. 3 x 1 1/2 in.	\$0 60	\$3 00
No. 2. 4 x 3/4 in.	85	5 00
No. 3. 5 x 1 in.	1 25	7 00

## Simplex Green Weather-Proof Plant Labels

Easily marked with a sharp, pointed steel stylus, which cuts through to the white base.

	Doz.	100
No. 31. 3 x 1 1/2 in.	\$0 45	\$2 50
No. 32. 4 x 3/4 in.	75	4 00
No. 33. 5 x 1 in.	90	5 50

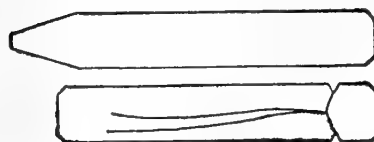
## Painted Labels

POT	100	1000
4-in., 5/8-in. wide.	\$0 70	\$3 50
5-in., 5/8-in. wide.	75	3 80
6-in., 5/8-in. wide.	95	4 25

GARDEN	100	1000
8-in., 7/8-in. wide.	1 25	9 10
10-in., 7/8-in. wide.	1 40	10 00
12-in., 7/8-in. wide.	2 25	17 00

FIELD	100	1000
18-in., 1 3/4-in. wide, not painted.	5 25	48 00

## Tree Labels



	100	1000
Wood, Iron Wired. 3 1/2-in. Plain.	\$0 60	\$3 45
Wood, Iron Wired. 3 1/2-in. Painted.	65	4 10
Copper Wired. Painted.	75	4 25
Copper Wired. Plain.	60	3 50
Copper Sheet, Wired.	Doz. 45c.	3 00



## Perfect Garden Labels

With an ordinary lead-pencil write or print on the horizontal marking space, which remains permanently legible in all sorts of weather. The beautiful color blends with the soil, foliage, and rocks.

<b>Border Size.</b> 5 in. long; width of marking space, 2 in.	Doz.	100
	\$1 25	\$9 25

<b>Rock-Garden Size.</b> 4 in. long; width of marking space, 1 3/4 in.	1 15	7 90
<b>Show Garden Size.</b> 7 in. long; width of marking space, 2 1/2 in.	1 50	11 25

## Mole Traps

For catching moles that ruin lawns and damage the contents of hotbeds and cold-frames. Moles usually move about 5 A.M. and 5 P.M., so that Traps should be set for that period.

**Victor Mole Traps.** (Plunger Type.)

Price, \$1.75.

**Out-of-Sight Mole Traps.** (Scissors Type.)

Price, \$2.75.

## Celluloid Pot Labels

	Doz.	100
No. 21. 4 x 5/8 in.	\$0 40	\$2 00
No. 22. 5 x 3/4 in.	60	3 00

## Evermark Pencils



You can read the name after months of exposure to sun and rain. For writing on all plant labels. Will not rub or wash off. Each 15c.; doz. \$1.65.

## Lawn Signs

Excellent for putting on grass plots where thoroughfare is not desired.

**Tin.** Painted black. Wood stake. Price, 25c.

## "No-Gunning" Signs

Printed on heavy cardboard, with large black lettering. Size 12x13 in. Each 35c.; 6, \$1.80; doz. \$3.50.

## Adjusto Plant Support

Consists of a stake 7/8 inch square and of different lengths, as may be required, and an instantly adjustable patented loop of 7-gauge strong spring-wire for supporter. It contains no nails, hooks, or screws.

3 ft. high. Each	35c.; doz. \$3.20.
4 ft. high. Each	40c.; doz. \$3.60.
5 ft. high. Each	45c.; doz. \$4.00.
6 ft. high. Each	50c.; doz. \$4.50.



## Continuous Wire Trellis

Excellent for training vines of all kinds up porch verandas, pergolas, etc. Thoroughly galvanized and well made.

18 in. wide. 100-ft. roll, 14c per ft.
Cut pieces, 12c per ft.
24 in. wide. 100-ft. roll, 16c per ft.
Cut pieces, 14c per ft.

## Flower-Bed Fencing

For putting around beds, lawns, etc. Any length desired, up to 100 running feet.

16-in. Less than 100-ft. roll, ft. 14c.
16-in. In roll lots, 100 feet, ft. 12c.
22-in. Less than 100-ft. roll, ft. 16c.
22-in. In roll lots, 100 feet, ft. 14c.

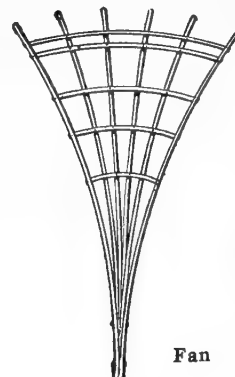
## Poultry Wire Netting

**No. 19.** Galvanized; 2-inch mesh; 150 running feet per bale.

Width	Price	Width	Price
12 in.	on	42 in.	on
18 in.	on	48 in.	on
24 in.	on	60 in.	on
30 in.	on	72 in.	on
36 in.	on		

**No. 20.** Galvanized; 1-inch mesh; 150 running feet per bale.

Width	Price	Width	Price
12 in.	on	42 in.	on
18 in.	on	48 in.	on
24 in.	on	60 in.	on
30 in.	on	72 in.	on
36 in.	on		



## Wood Fan Trellis

Made of wood and painted white.

18-in.	\$0 40
24-in.	55
30-in.	75
36-in.	1 20
42-in.	1 50
48-in.	1 90
72-in.	2 80
84-in.	3 25

Fan

## Wood Lattice Trellis

Made of wood and painted white.

	18 in. wide	24 in. wide
6-ft.	\$2 70	\$3 50
7-ft.	3 15	4 15
8-ft.	3 50	4 75
9-ft.	4 00	5 35
10-ft.	4 40	6 00
12-ft.	5 40	7 00

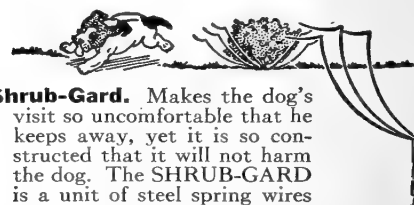
## Bark

**Rustic (Cedar).** For covering boxes, columns, or any other article.

1 sq. ft.	\$0 20
25 sq. ft.	3 75
Bundle of about 50 sq. ft.	5 50

**Birch.** Lb. 50c.; 10 lbs. \$3.75.

**Cork Bark.** Sheets 1 1/2 to 2 ft. wide, about 4 ft. in length. Lb. 35c.



**Shrub-Gard.** Makes the dog's visit so uncomfortable that he keeps away, yet it is so constructed that it will not harm the dog. The SHRUB-GARD is a unit of steel spring wires that are flexible and will not tear clothing of passersby.

Each SHRUB-GARD has three prongs and covers approximately 2 1/2 lineal feet. Price, each 35c.; doz. \$3.00.

## The Arnold Garden Hose Sprayer



A special mixing and spraying nozzle which attaches to your garden hose in place of the regular nozzle. It was designed to take the hard labor out of garden spraying. Cartridges supplied for practically all spraying purposes.

**Arnold Sprayer, Chrome** . . . . . \$8 75

**All Cartridges 40c. each; doz. \$4.80**

<b>Cryolite spray</b>	<b>Arsen-O-Spray</b>
<b>Nic-O-Spray</b>	<b>Sulph-O-Spray</b>
<b>Fungus spray</b>	<b>Vitamin B<sub>1</sub></b>



# MICHELL'S DUSTERS AND SPRINKLER ACCESSORIES

## Tree Guards

**No. 4. Iron.** Made of flat iron, finished black. Will last indefinitely with an occasional painting. 12-in. diam.; 5 ft. high. Price, \$12.00.



## Michell's Watering Cans

Made of light galvanized iron.

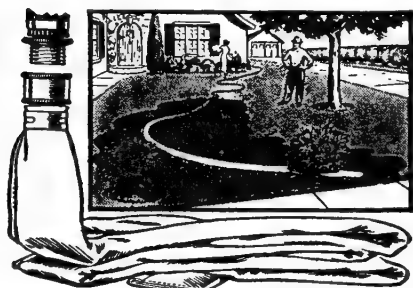
6-qt.....	\$2 25
8-qt.....	2 50
10-qt.....	3 00
12-qt.....	3 25

## Watering Cans Wotherspoon's

Galvanized; extra heavy, with long spout and two roses—one coarse and one fine. These cans are not available.

	Round
6-qt.....	\$9 00
8-qt.....	10 00
10-qt.....	11 00
12-qt.....	12 00

## Soil Soaker



Water seeps through entire length gently—no spray—puts water where you want it—all soaks to the roots. Canvas; one end screws to water hose, other end closed.

## 4 Home Sizes

<b>No. 0.</b> 12 ft.....	\$1 80
<b>No. 1.</b> 18 ft.....	2 40
<b>No. 2.</b> 30 ft.....	3 70
<b>No. 3.</b> 50 ft.....	6 00



## The New Electric Hose

A two-braid rayon thread, quite an improvement over the old cotton thread. Can be cut in any length. Per ft. 3/4-in. 2-braid rayon.....\$0 35 1/2-in. .... 30

## Koroseal Plastic Garden Hose Red or Green

Very light in weight. Mirror finish inside and out. Easy to handle; resists oil and grease. Made by Goodrich.

3/8-in. 25 ft.....	\$5 75
3/8-in. 50 ft.....	9 80

## Rubber Hose

	Per ft.
<b>Gates.</b> 3/4-in.....	\$0 35
<b>Michell's Special.</b> 1/2-in.....	30
<b>Michell's Special.</b> 3/4-in.....	35
<b>Tiger.</b> 5/8-in. 1-braid.....	16
<b>Bulldog.</b> 3/4-in.....	32
<b>Spray Pump Hose.</b> 3/8-in. 2-braid....	30
<b>High Pressure Hose.</b> 3/8-in.....	40

All brands come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of Hose coupled free. Smaller sections coupled at the rate of 50c. per pair for couplings.

**Hose Washers.** 3/4-in., doz. 10c.; 1/4lb. 35c.; 1-in., doz. 10c.; 1/4lb. 60c.

## Amepeco Hose

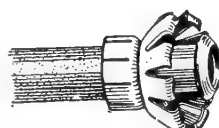
Clear amber Hose. Kink-proof; crack-proof. Very light, non-soiling and easy to handle. Equipped with machined fittings and guaranteed for five years.

3/4-in., 25-ft. length.....	\$13 75
3/4-in., 50-ft. length.....	24 50
5/8-in., 25-ft. length.....	7 95
5/8-in., 50-ft. length.....	12 95

## Perfect Hose Menders

Made entirely of brass, with swivel motion—no band required.

For 1/2-in. and 3/4-in. hose. Price, each 20c.; doz. \$1.75.

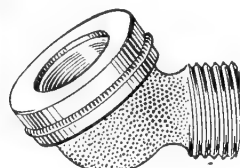


## Hydrant Attachments

For attaching hose to smooth faucets.

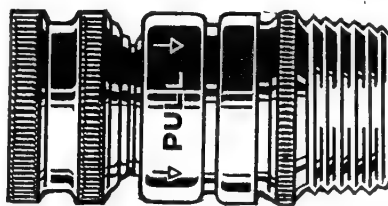
**No. 2.** For small spigot. Price, \$1.00.

**No. 3.** For large or standard spigot. Price, \$1.00.

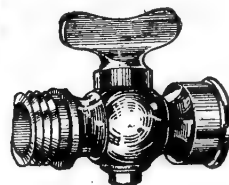


## Quick Hose Connector

**No. H353**

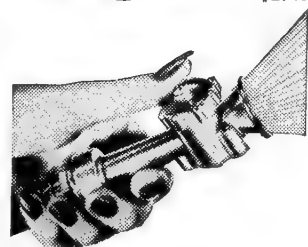


Faucet end.....	\$0 30
Hose end.....	55
Complete.....	85



## Shut-Off Connection

Cast brass, polished; 3/4-in. male thread on one end; 3/4-in. female thread on other end. Price, \$2.40.



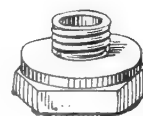
## Elkay Hose Nozzle

Price \$1.49

## Hose Reducers

For reducing 1-in. pipe to fit regular 3/4-in. hose. Price, 50c.

For reducing 3/4-in. pipe to fit 3/8-in. hose. Price, 50c.



## Hose Bands

**Caldwell's.** For fastening couplings and menders.

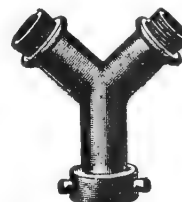
**No. 8.** For 4-ply hose.....\$0 60 \$6 20

**No. 6.** For 3-ply hose..... 60 6 20

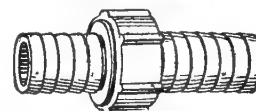
**Sure Grip.** Can be furnished in 1/2-in., 3/8-in. and 3/4-in. Either size, doz. 60c.

## Siamese Hose Connection

**No. 68.** This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. 3/4 in. ....\$0 75 1 x 3/4 x 3/4 in.... 1 50



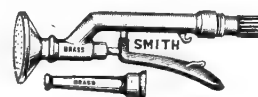
## Hose Couplings



	Pair	Doz.
<b>Plain Brass.</b> 1/2-in.....	\$0 50	\$5 00
<b>Plain Brass.</b> 3/4-in.....	50	5 00
<b>Plain Brass.</b> 3/4-in.....	50	5 00

**Perfect.** Equipped with a clamp on the male and female part for securing to the hose; no band required. For 1/2-in. and 3/4-in. hose (mention which is wanted when ordering). Pair 40c.; doz. \$4.00.

## Aquamatic Hose Nozzle



A high-grade water-control, opening and closing automatically, by slightly pressing lever with the fingers. A positive, quick shut-off. Made of heavy cast brass. Complete with spray rose and solid stream nozzle. Price, \$4 50.

## Spray Nozzles (3/8-in. Thread)

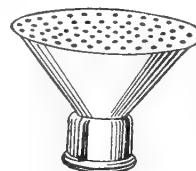
**Mistry, Jr.** Straight style.....\$1 25

**Mistry, Jr.** Elbow style..... 1 25

**Y Connection.** For making a double spray-head Nozzle..... 60

**Bordeaux Nozzle.**..... 2 25

If Nozzles are wanted for 3/4-in. hose connections, add 70c. to above prices.



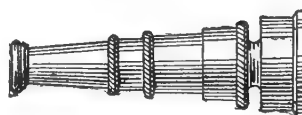
## Greenhouse Spray Nozzle

(For 3/4-in. Hose)

**Light Brass.** Price, \$1.65.

**Heavy Brass.** Price, \$1.75.

## Brass Gem Hose Nozzle



(For 3/4-in. Hose)

Can be regulated to give mist spray or solid stream. Price, \$1.25.

ALL PRICES SUBJECT TO MARKET CHANGES

# MICHELL'S DUSTERS AND SPRINKLER ACCESSORIES

## Champion Nozzle



A dandy Nozzle for greenhouse use. Makes a spray or a solid stream; easily adjusted. Price, \$1.00.



## Flaring Rose Sprinkler

Ejects a fan-like spray; especially adapted for sprinkling flowers. Price, \$1.35.

## Water Wand

Watering the garden becomes a real joy with "Water Wand." The long, lightweight handle enables watering the back of large flower-beds without stepping into the soft soil or trampling delicate plants. Beautifully finished in bright cadmium. Price, \$3.00.



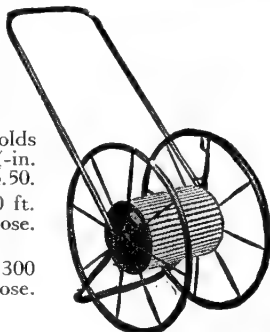
## Hose Reels

(All iron)

**Blue Bird.** Holds 75 ft. of  $\frac{3}{4}$ -in. hose. Price, \$4.50.

**B-10.** Holds 150 ft. of  $\frac{3}{4}$ -in. hose. Price, \$7.25.

**B-30.** Holds 300 ft. of  $\frac{3}{4}$ -in. hose. Price, \$20.00.



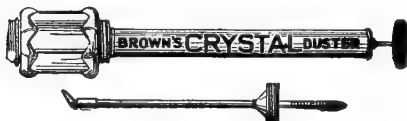
## Challenge Duster—Model C-3B

This Duster is built up to the highest standard of quality. It provides a constant mechanical agitation with a positive regular feed and easy immediate control to any rate of flow desired. The operator can walk erect while dusting. Flexible Y tubes furnished at small additional cost of \$2.10. Price, \$22.20.

## Hudson Duster

**No. 802.** Steel. Adapted for small truck farms, gardens, small orchards, and vineyards. Will handle all agricultural dusts. Four-blade, high-speed fan. Equipment includes 2 Nozzles, Y connection, and 4 15-in. Telescoping Tubes. Made of heavy steel and machine-cut gears. Price, \$22.40.

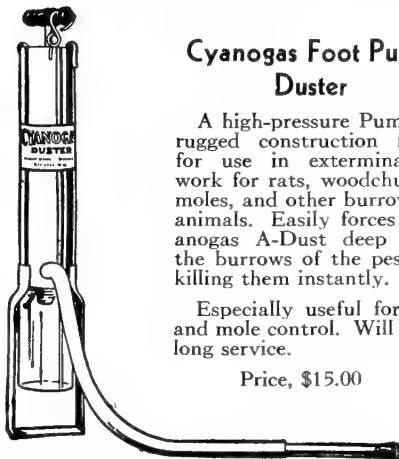
**No. 806.** Aluminum. Price, \$39.60.



## Brown's Crystal Duster

This new type Duster for use in either the flower or vegetable garden has the glass jar showing balance of dust therein. Equipped with a long extension and adjustable nozzle which permits dusting without bending. Capacity, 1 qt. Price, \$2.25.

## Cyanogas Foot Pump Duster



A high-pressure Pump of rugged construction ideal for use in extermination work for rats, woodchucks, moles, and other burrowing animals. Easily forces Cyanogas A-Dust deep into the burrows of the pests—killing them instantly.

Especially useful for rat and mole control. Will give long service.

Price, \$15.00

## Dobbins Duster

**No. 200.** A well-made Duster with steel-cut gears that run in oil. Revolving agitator feeding device with handy control and volume indicator. Curved adjustable body support. For dusting all low-growing crops. Equipment includes four 15-inch pipes, one branch connection, two elbows and two nozzles. Capacity, 5 to 10 lbs. This Duster can be made to discharge dust in rear of operator, by addition of No. 1208 fittings. One in carton. Weight, 15 lbs. Price, \$22.80.

**No. 132.** Equipped with 2-foot extension with patented 2-way cap for dusting top and underside of leaves. Capacity, 1 lb Pump: 4 in. diameter,  $7\frac{1}{2}$ -in. stroke. 3 in. diameter,  $4\frac{1}{2}$  in. long. Furnished with 2-way dust cap perforated for dusting top of leaves and slit for underleaf dusting. 24-in. extension tube. Price, \$2.00.



## Dupor Respirator

For protection from harmful dust and light fumes (not effective against poisonous gas). Should be worn when working with insecticidal dusts, arsenicals, and dry fertilizers. Covers nose and mouth. Price, \$3.00.

## Rubber Goggles

For protection of the eyes while working with harmful dusts and gases. Price, \$3.00.

## Aeroil Weed Burner



For destroying any kind of weed or brush, killing stems, roots, and seeds. Burner can be used with any type compression tank.

**No. 99. Senior.** Complete with 4-gal. tank and hose. Price, \$25.30.  
**Burner and Hose only.** Price, \$16.65.

## Spray Attachment

Use with any AEROIL No. 99 Tank. Makes a high pressure sprayer. Can be used to spray disinfectants. Spray nozzle and automatic squeeze type shut-off valve. Price, \$4.50.

## Myers' Knapsack Spray Pump



**No. 1330A. Galvanized Tank.** Capacity, 4 gals.;  $1\frac{1}{2}$ -ft. brass extension rod. Weight, 15 lbs. Price, \$31.50.

## Dobbins Knapsack Sprayer No. 46GA

4 gal. Galvanized steel. 100-lb. pressure in seven strokes. Price, \$31.50.

## Vermorel Copper Knapsack Sprayer

Works on the compressed-air principle. Compact in construction and light in weight, so that it can easily be carried around. Price, \$45.00.

## Bucket Pump

**No. 327 $\frac{1}{2}$ .** A double brass-chamber arrangement. Price, \$8.80, including hose and nozzle.

## Rubber Sprinklers

8 ozs. .... \$1 00 | 12 ozs. .... \$1 50



## Heavy Brass Syringes

No.	Diam.	Length	
101/1.	1 1/2 in.	18 in.	1 spray.....\$6 50
7.	1 in.	20 in.	2 sprays..... 9 50

## Extension Pipes, Etc.

For reaching into trees.  $\frac{3}{8}$ -in. threads.  
**Brass, 2 ft.** ..... \$0 75  
**Pet Cock, for extension pipes.** ..... 1 00  
**Paragon Extension, 2 1/2 ft.** ..... 60

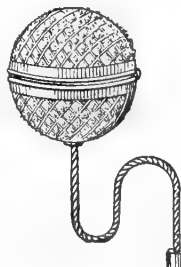
## The New Hudson Speedway

LEKTRIK-SPRAY



Now anyone can produce a smooth, even, professional-looking finish on reed furniture, metal or wood chairs, window screens, walls, woodwork, radiators, auto fenders, tables, cabinets and countless other items inside and outside the home with the new, easy-to-use SPEEDWAY Lektrik-Spray. Simply fill the glass jar, plug into an electric outlet and flip the switch. Price, \$41.95.

## Asbestos Torch



For burning out worms, caterpillars, and other tree pests. Price, \$1.00.

**Poles.** Hardwood.  
10 ft. .... \$2 25  
12-ft. .... 2 50  
14-ft. .... 2 75  
16-ft. .... 3 25

ALL PRICES SUBJECT TO MARKET CHANGES

# MICHELL'S HAND AND POWER SPRAYERS, ETC.



**Myers' Kwikfill Compressed Air Sprayer**  
**No. 2242.** Galvanized tank; capacity 4 gals.; 18-in. brass extension rod. Weight 13 lbs. Price, \$13.00.  
**No. 2240.** Capacity 2½ gals. Price, \$11.75.



## Auto Spray

A compressed-air sprayer with open head and strongly reinforced corrugated tank.

- No. 4D. Brown's.** Steel tank; capacity 4 gals. Equipped with hose and Auto-Pop nozzle attachments. Price, \$12.85.  
**No. 44GS. Dobbins Big Head.** 4-gal. tank. Equipped with hose and attachments. Price, \$14.00.  
**No. 266G. Lowell Jr.** Steel tank. Capacity 2½ gals. Equipped with hose and Auto-Pop nozzle attachment. Price, \$12.60.  
**No. 276G. Pennant-Lowell.** 4-gal. Steel tank. Price, \$14.85.  
**No. 22G0. Smith Banner.** Heavy corrugated galvanized tank with new trigger control automatic shut-off; 24-in. brass extension and non-clog brass nozzle. Seamless brass pump. 4 gals. Price, \$13.85.  
**Auto-Pop Nozzle Attachment.** Controls the flow instantly by a pressure of the hand. When Auto-Pop attachment is purchased separately, \$1.75; complete with hose, \$2.80.



## The Bronx Bottle Sprayer

An ideal Sprayer for applying various insecticides to house plants. Makes a fine mist, avoiding all drip. Made of metal, nicely nickel-plated. Price, with pt. bottle, \$1.90; with qt. bottle, \$2.10.

## Root Irrigator

For watering plants, trees and shrubbery at the roots. By simply inserting into the ground to the desired depth and opening the valve, the water is released. Complete with shut-off valve. Price, \$4.00.



## Streamline Blizzard Sprayer

- No. 14C.** Solid Copper Tank. Capacity, 1 qt. Continuous. Price, \$4.75.  
**No. 141.** Copper Chapin Model. 1 qt. Price, \$4.50.



## Michell's Hand Compressed-Air Sprayer

Very easily operated. Especially preferred by the ladies.

- Tin.....\$1 25  
 Brass.....3 00

## Paragon Sprayers

These Sprayers are of superior quality. Will not clog. Also handles whitewash, etc.

- No. 00.** Capacity, 5 gals. Equipped with 5-ft. special spray hose, 3-ft. spray pipe, and 3 nozzles. Price, \$19.95.



- No. 1.** Capacity, 6 gals. Equipped with 5-ft. special spray hose, 5-ft. spray pipe, and 3 nozzles. Price, \$24.75.

No. 3

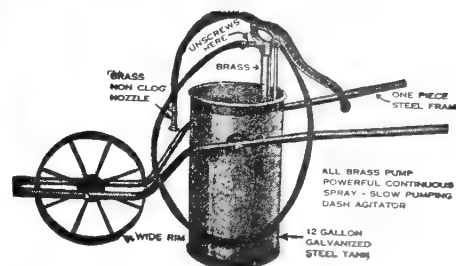
- No. 3.** Capacity, 12 gals. Equipped with truck, 10-ft. special spray hose, 7½-ft. spray pipe, and 3 nozzles. Price, \$35.95. Without truck, \$28.25.  
**No. 4.** Capacity, 28 gals. Equipped with truck, 20-ft. special spray hose, 10-ft. spray pipe, and 3 nozzles. Price, \$54.75.  
**No. 5.** Capacity, 50 gals. Equipped with 25-ft. special spray hose, 10-ft. extension pipe, one 3-way spray nozzle, 1 single-spray nozzle; no truck. Price, \$97.95.

**Bucket Washers** for Paragon Sprayers, 25c.  
**Barrels**, with trunnions, open head. \$12 00

## Fittings for Paragon Sprayers

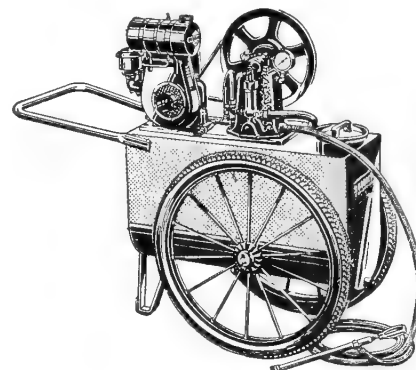
- |  | Price  |
|--|--------|
| <b>No. E85.</b> 2-Way Spray.....           | \$3 00 |
| <b>No. B35.</b> Extension Pipes.....       | 90     |
| <b>No. E86.</b> Y Fitting.....             | 1 25   |
| <b>No. B7.</b> Hose Coupling, complete.... | 1 35   |
| <b>No. B18.</b> Strainer.....              | 1 50   |
| <b>No. B10.</b> Female Hose Coupling....   | 1 00   |
| <b>No. B20.</b> Stop-Cock.....             | 1 25   |
| <b>No. B24A.</b> Mist Spray Nozzle.....    | 1 25   |
| <b>No. B22.</b> Brass Hose Bands.....      | 15     |

ALL PRICES SUBJECT TO MARKET CHANGES



## Smith Wheelbarrow Sprayer

- No. 60SG.** Adapted for spraying vegetable crops, flowers, vineyards, orchards, etc.; also for spraying disinfectants or whitewash in poultry-houses or other buildings. Steel frame made in one piece; heavy galvanized tank; all-brass pump; 8-foot hose; all working parts brass; double action; continuous spray. Pump easily detached from the tank and the tank with wheel and frame used for wheeling water. Price, \$40.20.



## Dobbins Eveready Power Sprayer

A portable lightweight spray outfit capable of handling all spray jobs for the individual owner, landscape gardener or small grower. Outside width 18½ inches; for easy access to narrow aisles and passageways. Brass pump with hardened stainless steel valve, capacity of 1½ gals. per minute at 250 pounds pressure. 25-gal. steel tank. 12½ ft. of ¾-in. hose and adjustable spray gun. 26 x 2½-in. pneumatic tires.

- No. 4240R.** Furnished with 1½ h.p. Briggs & Stratton gas engine; 25 gal. ....\$219 75  
**No. 4240ER.** Electric ½ h.p.; 25 gals. .... 227 75  
**No. 4193R.** Gas, 1 h.p.; 18 gal. .... 189 50  
**No. 4193ER.** Electric, ½ h.p. 18 gal.. 197 50  
**No. 4260R.** Gas, 1¾ h.p.; 50 gal. ... 368 50

We solicit inquiries on other Dobbins Power Sprayers

## Michell's Wagon Heater

For heating wagons, automobiles, or delivery trucks. Efficient, durable, economical safe. 14-in. diam., 19 in. high. Price, \$14.00.

## Coal for Wagon Heater

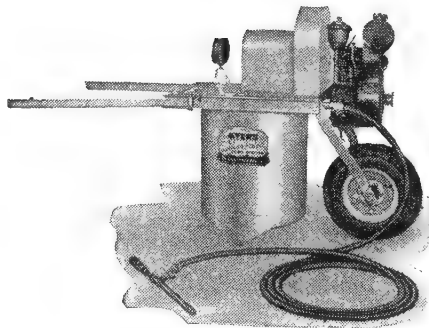
\$1.75 per 12 bricks; 100 bricks, \$14.50; 144 bricks, \$20.00.

## Aprons

For protecting the clothing while watering, etc.

- Heavy Rubber** .....\$4 50  
**Blue Denim** ..... 2 25  
**Light Rubber.** 26 x 40 in. .... 2 25

# MICHELL'S SPRAYERS AND SPRINKLERS



## Myers Power Sprayers

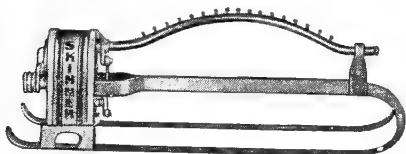
The Myers power-operated Wheelbarrow-Type Sprayers have been developed to meet an insistent demand for small-capacity, light-weight, portable Power Sprayers for greenhouses, estates, golf greens, gardens, truck patches, beans, strawberries, or wherever a Sprayer of this type is desired for the efficient and economical application of spraying materials. Can also be used for white-washing.

Especially recommended for greenhouse use.

Price includes: 15 ft. of  $\frac{3}{4}$ -in. hose, Fig. 1283 Lever Shut-Off, Fig. 2957 Adjustable Nozzle, 18-in. Pipe Extension, and 300-lb. Pressure Gauge.

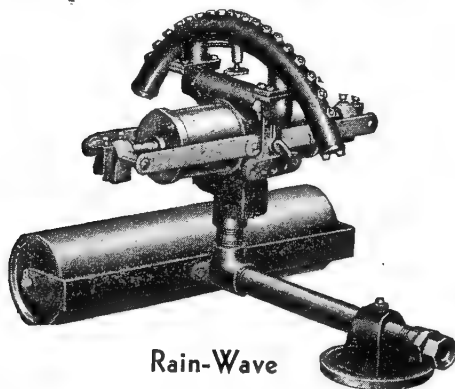
**No. 4502-2MR—12½ Gal.** Motor-driven, with 50 ft. of cord and plug; rubber tire.  $\frac{1}{2}$  H.P. motor. Weight, 180 lbs. Price, \$236.50.

**No. 4502-2ER—12½ Gal.** Engine-driven. Rubber tire. Weight, 182 lbs.  $\frac{3}{4}$  H.P. Price, \$226.50.



## Spray-Wave Sprinkler

The ideal oscillating Sprinkler for lawn, flower-bed, rock-garden, or newly seeded plot. Adjustable. Light in weight, yet sturdy and durable. Will cover a plot 40 x 40 feet at 35 pounds' pressure. Price complete, \$18.95, for  $\frac{3}{4}$ -inch hose connection.

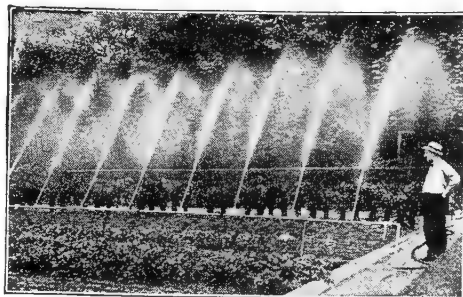
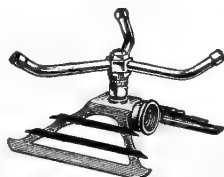


## Rain-Wave

Covers a space 50 to 60 feet square. Adjustable to one-half or one-quarter full coverage. Weight, 17 lbs. Price, \$42.50.

## Zenith

Highly polished brass head and arms. Sprinkles a circle up to 32 feet in diameter. 4 inches high. Price, \$2.70.



## Skinner System of Garden Irrigation

Line covers 50 feet wide; complete.

	Stationary
50-ft.....	\$22 50
60-ft.....	25 50
100-ft.....	36 00
150-ft.....	53 00
200-ft.....	70 00

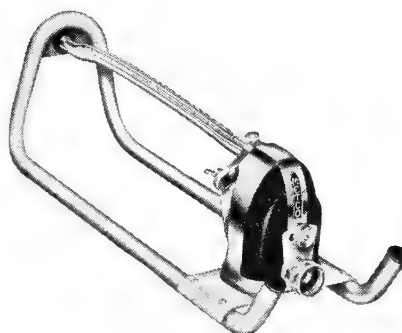
**Hand Turn Union** is included in above prices.

*F.o.b. Factory*

Prices on longer lines on request

**Automatic Oscillator.** For above lines \$32.00 if purchased with irrigation lines. Separate, \$38.00.

## Metco Wave Sprinkler



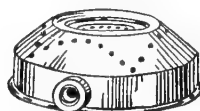
Huge water curtain moves slowly back and forth, uniformly watering every corner of a 40' x 50' plot. Two or three settings completely cover the average lawn. Easily adjusted to smaller areas. Puddles and run-offs are eliminated by slow back and forth movement which permits proper soaking and develops deep roots. Years of trouble-free service. All aluminum. Guaranteed. Price, \$16.95.



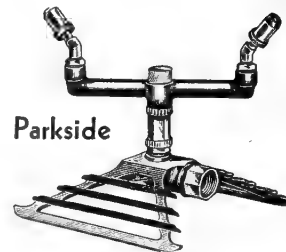
**Model D.** Has the "Hubbard" ball bearing assembly. The brass head and nozzles on three rotating arms (not tubing) give perfect saturation with rain-like pattern. Covers areas up to 45 feet. It is designed to operate on as low as 2 pounds of water pressure. Price, \$5.95.

## Baby Ring

Height, 2 in. Price, \$1.45

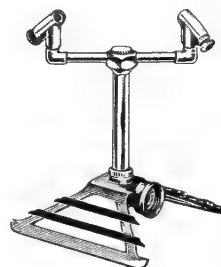


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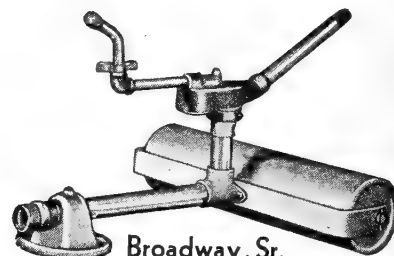
## Parkside

Suitable for high or low water pressure. Adjustable for every sprinkling condition. Sprinkles from a fine mist to a heavy shower, and will cover a circle 20 to 48 feet in diameter. Price, \$5.25.



## Junior

An all-purpose lawn Sprinkler. Adjustable from a revolving to a stationary Sprinkler. Suitable for high or low pressure. Coverage 30 to 40 feet in diameter. 8 inches high. Price, \$3.95.



## Broadway, Sr.

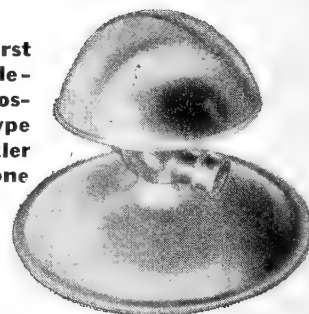
A high-type Sprinkler for parks, golf-course fairways, cemeteries, and spacious lawns. The principle of operation is a long-throw, effective stream supplemented by a secondary spray watering the central area. Covers a circle 95 to 120 feet in diameter, depending on pressure. Made of solid brass. Price, \$18.25.

## Broadway, Jr.

Same principle but of lighter construction. Price, \$15.25.

## STAMPCO SPRINKLER

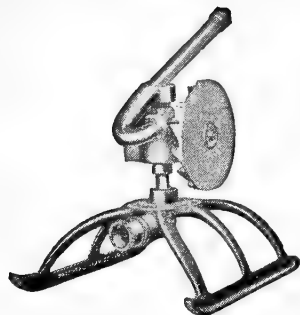
For the first time—A dependable oscillating-type lawn sprinkler that everyone can afford.



**T565.** The unique action of this new Sprinkler waters a square area of any desired size with a slow rainlike spray. The gleaming chrome dome rocks gently back and forth and each wave of droplets soaks down into the ground before the next wave falls. Adjustable at faucet—controls the size of the sprinkling area, from a 10-foot to a 40-foot square. Bonderized, baked-on-enamel finished base. Height 6¼ in., base 9½ in. Price, \$9.95.



# MICHELL'S SPRINKLERS



## Double Rotary Sprinkler

A favorite with country clubs for watering putting-greens. Covers a radius of 15 to 40 feet. Price, \$15.00.



## Sherman Portable Sprinkler

### Cast Brass, No. 75.

Price, \$1.25

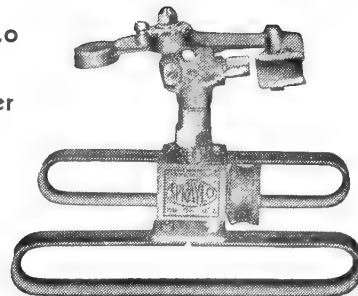
Set of 4, \$4.40

### Wrought Brass, No. 72.

Price, \$1.00

Set of 4, \$3.40

## Spray-Lo Lawn Sprinkler



An inexpensive Sprinkler that waters at any pressure from 5 pounds up. Low-angle stream, never more than 3 feet above the ground. All working parts bronze or stainless steel. Non-breakable skid base; rust-proofed. Price, \$6.75.

## Wooden Seed Flats

	Each	Doz.
20 x 10 x 3	\$0 55	\$6 00
20 x 14 x 3	70	7 75

## BB Garden Flats

These are a great convenience to anyone growing plants, flowers, or vegetables from seed. Made from choice lumber and have a removable front so that the pots can be easily taken out without breaking up the soil or disturbing the roots.

### Prices for Flats Only

No.	Size	Capacity	Each
No. X1.	12 3/4 x 12 3/8 in.	36 2-in. pots	\$0 50
X3.	12 3/4 x 12 3/8 in.	16 3-in. pots	55
X118.	12 3/4 x 18 3/8 in.	54 2-in. pots	65
X318.	12 3/4 x 18 3/8 in.	24 3-in. pots	70
	20 x 10 x 3 in.		50
	20 x 14 x 3 in.		60

### Price Complete with Pots

No. XP1.	36 2-in. or 16 3-in. pots	\$1 00
No. XP118.	54 2-in. or 24 3-in. pots	1 25

### Prices on Pots Only

No. P1.	2-in.	\$0 90	\$8 00
No. P2.	3-in.	1 35	12 00

## Rubber Saucers



Durable and waterproof. Unbreakable. Protects surfaces from dampness scratches, and ring marks. Preserves pottery. Colors: red or green.

Size	Takes up to	Each	Doz.
5 1/4 in.	6-in. pot	\$0 40	\$3 30
7 3/8 in.	8-in. pot	65	6 60
10 3/8 in.	12-in. pot	1 20	13 20
12 1/4 in.	for fern and palm tubs.	2 30	26 40

## Cemetery Vase

No. 2. Tin. Enameled; large. Each 30c; doz. \$2.50.

## Ground Level Cemetery Vase

Designed to bury in the ground. Inner cup sets up for service, turns down when not in use. Made of long-life metal. Aluminum finish. Price, \$1.75 each.



Keystone Tub



Earthen Flower Pot

## Michell's Keystone Plant Tub

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 25c. per pair, not attached to Tub.

No.	Diam.	Depth.	Each
2.	7 in.	7 in.	\$1 25
3.	8 in.	8 in.	1 30
4.	9 in.	9 in.	1 55
5.	10 in.	9 in.	1 75
7.	12 in.	11 in.	2 65
9.	14 in.	13 in.	3 60
11.	16 in.	15 in.	4 50
13.	18 in.	17 in.	6 00

## Earthen Flower Pots

Height and Width inside	Each	Doz.	100
1 in.	\$0 04	\$0 35	\$2 70
1 1/2 in.	04	40	3 00
1 3/4 in.	04	45	3 25
2 in.	05	50	3 50
2 1/4 in.	05	55	4 00
2 1/2 in.	06	60	4 25
3 in.	06	65	4 75
3 1/2 in.	08	75	5 25
3 3/4 in.	10	90	6 25
4 in.	12	1 10	7 25
4 1/2 in.	14	1 35	9 00
5 in.	18	1 75	12 00
5 1/2 in.	22	2 25	15 00
6 in.	27	2 75	18 00
6 1/2 in.	36	3 50	24 00
7 in.	40	4 00	28 00
8 in.	60	6 00	40 00
9 in.	90	9 00	60 00
10 in.	1 20	12 00	75 00
12 in.	2 50	24 00	150 00
14 in.	4 00	40 00	275 00

Add 10% packing charge on all Earthenware shipments outside delivery zone

We Are Unable to Ship Earthenware by Parcel Post

## Earthenware Saucers

	Each	Doz.	100
3 in.	\$0 06	\$0 60	\$4 25
4 in.	08	75	5 25
5 in.	10	90	6 25
6 in.	15	1 50	11 00
7 in.	21	2 00	15 00
8 in.	30	3 00	20 00
9 in.	40	4 00	28 00
10 in.	60	6 00	40 00
12 in.	90	9 00	60 00
14 in.	1 20	12 00	75 00
16 in.	1 80		

Add 10% packing charge on all Earthenware shipments outside delivery zone

We Are Unable to Ship Earthenware by Parcel Post

## Red Paper Flower Pots

Neponset Red Pots protect against root ball breakage, prevent drying out in transit, reduce setback to plants after transplanting, provide quicker resumption of growth, allow growers to reestablish plants with less care.

Diam.	Doz.	100
2 in.	\$0 30	\$1 25
2 1/4 in.	30	1 25
2 1/2 in.	35	1 30
3 in.	40	1 35
3 1/2 in.	45	1 70
4 in.	50	2 00
5 in.	60	2 40
6 in.	65	2 95

## Vita Pots

### Nutrient-Treated for Growing

Every grower of plants can cut the growing costs by using these Pots. They are superior to any Pot made for the actual growing and shipping of plants.

Diam.	Doz.	100
2 in.	\$0 45	\$1 85
2 1/4 in.	50	1 95
2 1/2 in.	55	2 00
3 in.	60	2 20
3 1/2 in.	70	2 85
4 in.	75	3 30
5 in.	85	4 15
6 in.	95	5 40

ALL PRICES SUBJECT TO MARKET CHANGES

# MICHELL'S WEED KILLERS

## End-o-Weed

Apply at any time of day during periods when weeds are growing actively and temperature outdoors is at least 60°. Mix End-o-Weed with water according to directions on the package. Applying one quart of mixture per 50 sq. ft. of lawn area.

In just a week or so all signs of the weeds will be gone. Kills dandelions, chickweed, plantain and over 50 other weeds.

Pkt. 25c.; 1/2 pt. \$1.00; qt. \$2.75; gal. \$8.50.

## Du Pont Ammate Weed Killer

Ammate is not considered poisonous and may be used safely on weed-infested areas without danger to livestock and humans. It is entirely free from fire or explosion hazards and actually has inherent fire-retardant properties.

Ammate usually exerts only temporary soil-sterilizing effects, varying with the soil. 2-lb. size \$1.00; 6-lb. size \$2.70; 50 lbs. \$14.00.

## 2-4. Dow Weed Killer, Liquid Form.

(14% by weight of 2-4 Dichlorophenoxy-acetic Acid.) 1/2 gallon makes 100 gallons of spray, 150 to 250 gallons required per acre. A gallon covers approximately an acre. Pint can \$1.50; qt. \$2.70; gal. (40%) \$7.25.

**WEEDUST**, the 2,4-D weed killer in dry, powder form. Just dust each weed directly from the ready-to-use can. No measuring, no mixing. Ideal for destroying those "here and there" weeds. 12-oz. canister, 75c.

# MICHELL'S WEED KILLERS AND INSECTICIDES

## Michell's Weed Killer

Positively destroys every kind of weed and vegetation wherever applied. One application is usually required yearly; add 40 gallons of water to one gallon of Weed Killer, then sprinkle the solution upon the vegetation you wish destroyed.

Just the thing for driveways, clay tennis courts, baseball diamonds, drives and walks. Weed Killer cannot be used in the garden, flower-beds or on the lawn where you want to grow plants and grass.

One gallon will cover 150 sq. yds.; can be applied any time.

Qt. 70c.; gal. \$2.00; 5 gals. \$7.50; 30 gals. \$35.00; 55 gals. \$65.00.

## The New Improved WEEDONE

Contains the powerful 2,4,5-T and 2,4-D, the two most effective chemicals for killing lawn weeds, poison ivy, poison oak, honeysuckle, wild blackberries, wild raspberries and over 90 other weeds and woody plants WITHOUT KILLING THE GRASS. Non-poisonous to animals or humans.

Directions on package. 8-oz. bottle \$1.00; qt. \$2.75; gal. \$6.95; 5 gals. \$25.00.

## Weedone Crabgrass Killer

A new herbicide for eliminating crabgrass and mouse-ear chickweed from lawns without killing clovers, bluegrass, fescue or other deep-rooted perennial grasses. Contains potassium cyanate. 5 ounces to 3½ gallons of water treats 500 sq. ft. 5-oz. can \$1.00; 20-oz. can \$3.00.

**Weedone Brush Killer 32.** A combination of the powerful 2,4,5-T and 2,4-D. This concentrated butoxy ethanol ester formulation is highly effective in killing brush and weeds. Not recommended for lawns. Qt. can \$4.00; gal. can \$8.75.

## Tat C-Lect

Kills crabgrass in all stages—seeds, seedlings, mature plants. Perfectly safe to use on lawns, for it does not burn the grass. 8-oz. bottle 85c.; 16-oz. bottle \$1.50; gal. \$9.75.

## Alfco Crabgrass Killer

Kills crabgrass and weeds in the lawn without destroying permanent lawn grasses. Sprayed on infested areas Alfco will destroy both the plant and the seeds, checking re-infestation next year. One pound will treat 2000 to 4000 square feet. 8 ozs. \$1.00; lb. \$1.50; 2 lbs. \$2.50; 10 lbs. \$8.00.

## ZOTOX, Crabgrass Killer

By selective action it destroys crabgrass without permanent injury to the turf. Lawn grasses are temporarily discolored by Zotox, but regain their natural color and vigor in a short time.

Zotox is easily applied with a compressed air sprayer or sprinkling can. A 16-oz. bottle (\$1.50 size) mixed with 10 gallons of water will treat a lawn of 2,000 sq. ft. (40 x 50). For "spot" treatment of small patches it goes much farther. 8 ozs. \$1.00; 16 ozs. \$1.50; 32 ozs. \$2.50; 5 lbs. \$4.50.

## Solvay (Calcium Chloride)

For Preventing Dust on Driveways, etc.

An ideal dust-layer and binder for all gravel and dirt surfaces. The clean, white, odorless flakes are easy to use. Solvay kills weeds and prevents their regrowth.

Use about 2 pounds per square yard, broadcast over the surface. 100 lbs. \$4.50.

## Insect Destroyers

### Antrol

#### Kills Ants in Their Nests

Antrol is easy to use, economical, safe around children and pets. Consists of small glass containers from which worker ants carry special Antrol Syrup to their nests for food. The whole ant family is quickly killed at the source.

**Ready Filled Sets** containing four filled feeders, 40c.

**Antrol Extra Containers**, 10c.

**Antrol Syrup**. 4-oz. bottle, 20c.

**Antrol Ant Traps**. Kills both grease- and sweet-eating ants. Easy and safe to use. Each 20c.

**Ant Traps, Thallate (Tat)**. Each 25c.

**Ant Magikil Jelly**. New and very effective ant-control; also used to eliminate roaches, rats, and mice. 1-oz. tube 40c.; 3 ozs. \$1.00; 7½-oz. tube \$1.95.

**Aphine**. A contact insecticide, nicotine base, for destroying aphids, green and white fly, thrips, etc. Dilution 1 to 30. Qt. \$1.25; gal. \$3.75.

**Arasan**. A disinfectant used in treating seeds before planting. It checks seed-decay, certain seed-borne diseases, reduces damping-off on seedlings of certain vegetables—corn and peanuts. ¾-oz. pkg. 25c.; 8 ozs. \$1.00; 4 lbs. \$6.00.

**Arsenate of Lead, Powder**. Affords complete protection against the ravages of any chewing insect on foliage, flower, or fruit, without injury to the most delicate plant-life. Lb. 60c.; 4 lbs. \$2.20; 96 lbs. \$43.20.

**Astogen**. A safe, effective remedy for root aphids, cutworms, and other soil insects affecting asters and similar plants. 2 lbs. 75c.; 5 lbs. \$1.50.

**Black-Leaf 40**. A solution of nicotine sulphate. An excellent spray for destroying sucking insects on vegetables, flowers and plants. Effective in delousing livestock. Dilution 1 to 800. Oz. 36c.; 5 ozs. \$1.05; lb. \$2.42; 2 lbs. \$4.15; 5 lbs. \$7.40; 10 lbs. \$12.65; 50-lbs. \$53.90.

**Bordeaux Mixture 12¾% Copper** (Powder.) A copper sulphate and lime mixture for the control of fungous diseases (blight, rust, wilt, and mildew) on vegetables, flowers, fruit and shade trees. Lb. 40c.; 4 lbs. \$1.00; 24 lbs. \$5.00; 48 lbs. \$9.50.

**Carbola**. Paints and also disinfects. Dries white. An improvement on whitewash, combining the features of a cold-water paint and disinfectant. Will not rub or chip. Not a lime product. 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.75; 50 lbs. \$4.85.

**Carbolineum**. A germicide and disinfectant for purifying poultry-houses, stables, etc. Excellent for preserving wood against decay. In gallon cans only. Gal. \$2.50; 5 gals. \$10.00.

**Cattle Fly Spray**. Kills flies by contact. Will not stain or mat hair. Gal. \$2.00; 5 gals. \$9.00.

**Ceresan**. 2 per cent. A dust disinfectant for cotton, flax, millet, peas, and narcissus. 1½-lb. can \$1.65; 25 lbs. \$20.15; 100 lbs. \$75.90.

**Ceresan, New Improved**. A dust disinfectant for wheat, oats, and barley. 4-oz. can 45c.; lb. \$1.15; 4 lbs. \$3.90; 40 lbs. \$32.20; 100 lbs. \$75.90.

ALL PRICES SUBJECT TO MARKET CHANGES

## Chaperone

Protect your garden from damage by dogs. Not dissolved by rain. One application usually lasts from two to three weeks. 4 ozs. 60c.; 12 ozs. \$1.25; gal. \$8.00. **Chaperone Powder** for indoor use. Oz. 50c.; 3 ozs. \$1.00.

**Cuprinol. Clear**. Cuprinol-treated wood may be painted, varnished, waxed, or finished in any other way, although it protects equally well whether painted or left unpainted. Excellent for treating wood in greenhouses, forcing frames, plant boxes, posts, etc. Qt. \$1.75; gal. \$4.70; 5 gals. \$22.00.

**C-O-C-S Copper Dust**. Effective in the control of early and late blight on Potatoes and Tomatoes, leaf spot on celery, beets and carrots. Lb. 40c.; 5-lb. bag \$1.25.

**Copper Solution (Cusol)**. An excellent fungicide for the control of mildew, black-spot, leaf-blight, rust, and other fungous diseases attacking fruit and flowers. Dilution 1 to 80. Pt. 85c.; qt. \$1.50; gal. \$5.00; 5 gals. \$22.50.

**Cyanogas (Calcium Cyanide). G. Fumigant**. The gas is exceedingly penetrating and easily kills breathing insects in any space where the gas can be confined. Destroys aphids, white fly, soft scale, thrips, etc. 5 lbs. \$3.75; 25 lbs. \$12.50.

**Cyanogas (Calcium Cyanide). A-Dust**. For killing rats, moles, woodchucks, and other rodents. Lb. \$1.25; 5 lbs. \$3.75; 25 lbs. \$12.50; 100 lbs. \$30.00.

**Cyanogas Ant-Killer**. Ants are killed instantly in their nests. Don't use Cyanogas Ant-Killer indoors. 4-oz. can 50c.

**Deenate 50W** is used for the same purposes but it is cheaper and more economical than Deenate 25%. It leaves far less residue than the 25% solution. 4 lbs. \$2.25; 50 lbs. \$25.00; 100 lbs. \$45.00.

**Detex**. A 25% D.D.T. spray that has been very favorably received. Because of other ingredients besides D.D.T., Detex has a strong deterrent effect on red spider, although it is not recommended for this pest. Compatible with most fungicides, it controls both major and minor greenhouse pests. Qt. \$4.00; gal. \$12.50.

**Dogzoff**. If you are bothered with dogs, cats, or rabbits, Dogzoff is the spray you need. 3-oz. bottle 75c.; pt. \$2.50; qt. \$4.00.

**DDT 10% Insect Dust**. Lb. 40c.; 4 lbs. \$1.20.

**DuPont Rose Dust**. A product for the control of most important foliage diseases of roses and certain other flowers. Du Pont Rose Dust combines two fungicides, sulphur and Fermate (Ferric dimethyl-dithiocarbamate). 8 ozs. 69c.; lb. \$1.00; 4 lbs. \$3.00.

**Du Pont Floral Dust**. Protection for flowers. One product, newly developed to control both insects and plant diseases. Simplifies pest control. 8 ozs. 80c.; lb. \$1.15; 4 lbs. \$3.50.



Use as a bellows by sliding bottom backward and forward while holding top of package firmly in your other hand, directing it to area to be dusted.

Buy refill cartridges when you buy your original dust gun package. 10-oz. Applicator Gun (complete with cartridge) 79c.; 10-oz. Refill Cartridge 59c.; 2-lb. Pouring Spout Pkg. \$1.79; 4-oz. Sifter Top Pkg. 25c.

**Fermate**. Effective for diseases on apples, pears, sweet cherries, celery, tomato. Also for black-spot on roses, septoria leaf spot on chrysanthemums, and snapdragon rust. 8 ozs. 75c.; 3 lbs. \$2.75; 50-lb. drum \$38.50.

# MICHELL'S INSECTICIDES

**Fruitone.** Stops harvest drop of apples, pears and other fruits when applied one or two weeks before picking time.  $\frac{3}{4}$ oz. pkt. 25c.; 2-oz. pkt. \$1.00; 12-oz. can \$5.00.

## Fish-Oil Soap (Good's)

**Number One.** A semi-solid Soda Fish-Oil Soap, very effective against scale and soft-bodied sucking insects. Lb. 35c.; 5 lbs. \$1.35; 10 lbs. \$2.50; 25 lbs. \$4.50; 50 lbs. \$8.00; 100 lbs. \$14.00.

**Number Three.** A soft Potash Fish-Oil Soap, excellent as an emulsifier in the preparation of oil sprays, and as a spreader and liberator with Nicotine or Arsenate of Lead. Lb. 35c.; 5 lbs. \$1.35; 10 lbs. \$2.50; 50 lbs. \$8.00; 100 lbs. \$14.00.

**Number Nine (Rosin).** A spreader and sticker in combination with chemical sprays on vegetable, fruit, and berry crops. Especially recommended for the destruction of boxwood maggot. Dilution, 1 pound to 50 gallons. 5 lbs. \$2.00; 10 lbs. \$3.50; 50 lbs. \$11.00.

**Formacide.** A stabilized formaldehyde dust, triple strength, seed- and soil-disinfectant used as a control of damping-off.  $\frac{1}{2}$ lb. 50c.; lb. 85c.; 5 lbs. \$2.25; 25 lbs. \$9.00; 50 lbs. \$15.75; 100 lbs. \$30.00.

**Fungtrogen.** Fungicide fertilizer. An effective preventive and remedy for mildew, black-spot and other fungous diseases of roses, hollyhocks, snapdragons, etc. 4 ozs. 45c.;  $\frac{1}{2}$ pt. 75c.; pt. \$1.25; qt. \$2.00; gal. \$6.00.

**Garden Dust.** (Vegetable.) (du Pont.) Contains 5% D.D.T. and 75% Rotenone for insects. A single dust or spray that is an effective insecticide and fungicide. Highly effective against both chewing and sucking insects. 8-oz. can 80c.; 1-lb. sifter top can \$1.15; 4-lb. pkg. \$3.50.

**Grape and Rose Dust.** A fungicidal dust, safe to use on any vegetable or flowering plants, against mildew, black-spot, and other fungous diseases. Lb. 40c.; 5 lbs. \$1.50; 25 lbs. \$6.25; 100 lbs. \$22.00.

**Hydroxide.** (Bordeaux arsenical.) Potato spray. Controls leaf-eating insects and blight on potatoes, tomatoes, vegetables, and small fruits. Lb. 35c.; 4 lbs. \$1.00.

**Japellent.** The non-arsenical spray. Jap Beetle Repellent is also an insect stomach poison based on Chlordane and DDT and related organic compounds. It is designed for use on flowers, vegetables and shrubs where an arsenical deposit might be objectionable. 8-oz. size to make 10 gallons of spray. Trial size 50c.; garden size \$1.50; estate size \$5.50.

**Kerosene Emulsion (Liquid Miscible Oil).** Diluted in water this makes an excellent spray for all mild forms of scale. Dilutes 1 part to 10 parts of water. Qt. \$1.25; 5 gals. \$14.00.

**Kryocide.** Insures protection for vegetables and fruit trees. Simply apply as a dust or spray. 4 lbs. \$1.20.

**Lemon Oil.** A standard insecticide recommended for destroying thrips, aphids, mealy bug, etc.  $\frac{1}{2}$ pt. 40c.; pt. 70c.; qt. \$1.25; gal. \$3.50; 5-gal. keg \$14.00.

**Lime-Sulphur.** Dry. For effective control of San Jose scale, apple and pear scab, peach-leaf curl, and cherry leaf-spot. Lb. 45c.; 5 lbs. \$2.00; 25 lbs. \$4.75; 100 lbs. \$18.00.

**Lime-Sulphur Solution.** A concentrated liquid form of this widely used insecticide and fungicide for spraying fruit trees. Qt. 50c.; gal. \$1.25; 5 gals. \$4.50; 30-gal. bbl. \$10.50; 50-gal. bbl. \$14.00.

**Marlate 50.** Because of its low toxicity to warm-blooded animals and its safety on plants, Marlate 50 can be used successfully for the control of most insects attacking such vegetable crops as snap and lima beans, cucurbits and peas. May also be used to help protect peaches, early apples and grapes from Japanese beetles. 8 ozs. 75c.; 4 lbs. \$5.00.

**Molasses, Black.** A crude grade of molasses, highly favored as a sticker. 5 gals. \$5.00.

**Molgen.** An odorless powder that eliminates moles from lawn in two or three days. Safe to use where pets are kept.  $\frac{1}{2}$ -lb. can 50c.; 1 $\frac{1}{2}$ -lb. can \$1.25; 5-lb. can \$4.00.

**Naphtha Flakes.** Will control thrips, sowbugs, and other earth vermin. Lb. 30c.; 10 lbs. \$2.30; 25 lbs. \$5.50; 50 lbs. \$10.50.

## Nico-Fume Liquid

A powerful and highly refined nicotine solution that has the twofold advantage of being adaptable for spraying or for fumigating. Lb. \$2.75; 2 lbs. \$3.75; 8 lbs. \$13.00; 40-lb. drum \$55.00.

## Nico-Fume Pressure Fumigator

Advantageous to greenhouse owners because fumigation reaches every leaf and bud; requires less time and labor than spraying.  $\frac{1}{2}$ -lb. size 55c.; case lots of 1 doz. \$4.75. 1-lb. size, 85c.; case lots of 1 doz. \$8.50.

**Nico-Fume Pressure Fumigator Holders** for hand-directed fumigation with the Pressure Fumigator. Each \$1.75.

**Nicotine Pyrox.** It kills both chewing and sucking insects, prevents blight and fungous diseases. 20 ozs. 60c.; 5 lbs. \$2.50.

**Nnor.** Contact insecticide for control of red spider and most soft-bodied insects on standard greenhouse crops. Pt. \$2.25; gal. \$13.50.

**No-Py-Ro.** A more effective control of red spiders, aphids, thrips and mealy bugs. No-Py-Ro contains sufficient wetting agents to give excellent coverage of insects and plants and will mix readily with hard or soft water. Qt. \$3.75; gal. \$12.00.

**Para-Dichlorobenzene (PTB).** The most effective remedy for the peach tree borer. 1 ounce per tree. 1-lb. can 60c.; 5-lb. can \$2.25.

**Paris Green.** A poisonous powder for potato bugs, worms, caterpillars, slugs, etc.  $\frac{1}{4}$ lb. 25c.; lb. 70c.; 5 lbs. \$3.00; 14 lbs. \$6.75.

**Parzate.** A new du Pont fungicide that may be used as a spray or dust for the control of many important plant diseases. Descriptive circular on request. 6 ozs. 85c.; lb. \$1.30; 3 lbs. \$3.60; 50 lbs. \$57.50.

**Pomo-Green with Nicotine.** A leaf-green material which can be used as a spray or dust, and which affords complete protection against black-spot, mildew, leaf-eating insects and aphids. 1 pound makes 4 gallons of spray. Lb. \$1.05; 5 lbs. \$3.85.

**Pyrote.** Concentrated spray of Rotenone and Pyrethrum, for use on flowers, fruits, and vegetables. Also used to control fleas and insects on dogs. Directions on bottle for dilutions. 1-oz. bottle 40c.; 4 ozs. \$1.00.

**Pyrox (Bowker's).** A combined insecticide and fungicide for all leaf-eating insects, blights, and fungous troubles. Especially recommended for potatoes. Mix Pyrox with water and spray. The material sticks to the leaves. 25 lbs. \$6.00; 50 lbs. \$9.00.

**Rabbit Chaser, Lag's.** Spray on plants and vegetables to repel rabbits. Will not burn or harm plants or rabbits. 4-oz. bottle, with directions, \$1.00.

**Red Arrow Garden Spray** (Pyrethrum Soap). A safe, efficient insecticide for use against sucking and chewing insects. 1-oz. bottle 35c.;  $\frac{1}{4}$ pt. \$1.00; pt. \$2.85; qt. \$5.50; gal. \$18.20; 5-gal. can \$85.00.

**Red Arrow Garden Dust.**  $\frac{3}{4}$ % Rotenone. For the safe control of Mexican bean beetles and other insect destroyers of garden crops. Apply the dust as the insect first appears and continue at two-weeks intervals. 2 lbs. 60c.; 5 lbs. \$1.35.

**Rotenone Dust.** An economical dust containing 75/100 per cent of Rotenone, one of the most effective contact insecticides. Controls many types of beetles and worms attacking vegetable crops. Lb. 35c.; 4 lbs. \$1.25; 50 lbs. \$10.00.

**Scalecide,** diluted 1 gallon to 15 gallons of water, may be used on any kind of fruit or shade tree that drops its foliage in winter. Qt. \$1.00; gal. \$2.50; 5 gals. \$8.50; 15 gals. \$20.50.

**Selocide.** A powerful contact killing agent which will kill from 90 to 100 per cent of red spiders in one application. Dilution: 1 to 200. Gal. \$3.50; 5 gals. \$16.75.

## Semesan

### For Flower and Vegetable Seeds, also for Lawns

Semesan may be applied in dust or liquid form to the seed before planting. One ounce treats 15 pounds of seed. Effective in controlling damping-off and such devastating gladiolus diseases as hard rot and scab. Also the most effective means of controlling brown patch which attacks the turf of golf-courses, tennis courts and lawns. 2ozs. 60c.; 12 ozs. \$2.40; 4 lbs. \$11.00; 25 lbs. \$58.28; 100 lbs. \$219.80.

**Semesan Bel.** For treating seed potatoes before planting. One pound treats 60 to 80 bushels of seed. 2 ozs. 50c.; lb. \$2.00; 4 lbs. \$6.33; 40-lb. pail \$59.00; 100 lbs. \$138.75.

**Semesan Special.** For the prevention and control of brown patch and other fungous growths on fine turf and golf greens. Lb. \$2.00; 4 lbs. \$6.92; 25 lbs. \$39.96; 100-lb. drum \$149.85.

**Soap, C. P. O.** A liquid soap-spreaders with a distinct insecticidal value of its own. Dilution: 1 to 50. Pt. 95c.; qt. \$1.65; gal. \$4.00; 5 gals. \$15.00.

**Slug Shot.** A standard and safe dust which kills beetles, weevils, worms, and leaf-eating insects on vegetable and flowering plants. Lb. 40c.; 5 lbs. \$1.70; 25 lbs. \$5.50.

## Grasselli Spreader

This is a combined spreading, sticking, and wetting agent, designed especially for use with agricultural sprays. Pt. \$1.35; gal. \$8.75; 5 gals. \$42.00.

**Spor-Go** is a copper mildew spray powder which contains twice as much copper as commercial Bordeaux Mixture. It controls blight and leaf-spot on potatoes, tomatoes, beans, cucumbers, and grapes and many other plants. One ounce makes 2 $\frac{1}{2}$  gallons of finished spray. 1-lb. canister 55c.; 4 lbs. \$1.45.

**Sulphate of Aluminum.** Used in conjunction with Hydrated Lime, this material makes a safe and excellent repellent for Japanese and Asiatic beetles. 5 lbs. 55c.; 10 lbs. 90c.; 25 lbs. \$1.60; 50 lbs. \$3.00; 100 lbs. \$4.50.

**Sulphate of Copper.** A basic fungicide used in making Bordeaux Mixture, or alone to control various fungous diseases. Lb. 30c.; 5 lbs. \$1.15; 10 lbs. \$2.10; 25 lbs. \$5.00; 100 lbs. \$17.00.

ALL PRICES SUBJECT TO MARKET CHANGES

# INSECTICIDES

# MICHELL'S FERTILIZERS

**Sulphur, Flowers of.** A high-grade form of this standard fungicide and fumigant, adapted for either dusting or burning. Lb. 25c.; 5 lbs. 90c.; 10 lbs. \$1.75; 25 lbs. \$3.00; 100 lbs. \$10.00.

**Sulphur, Wettable (Dritomic).** It wets immediately upon being placed in water and will stay in suspension indefinitely. Ideal for wet spraying of fruit and ornamental trees to control scab-rot, leaf-spot, mildew, rust, etc. 5 lbs. 80c.; 50 lbs. \$7.00.

**Snarol.** Kills cutworms, sowbugs, snails, slugs, earwigs. A ready-prepared bait meal. It is not injurious to vegetation. Will not deteriorate from rain or sprinkling. 1-lb. pkg. 35c.; 2½-lb. pkg. 75c.; 6-lb. pkg. \$1.50.

**Sunoco Spray Oil.** A safe, inexpensive, efficient spray for the control of scale insects, red spider, and lace-wing bugs. Dilution: 1 to 25. Gal. \$1.50; 5 gals. \$6.00; 55 gals. \$32.00.

**Synklor-50-W (Chlordane 50%).** A product more potent than DDT and not harmful to humans. Kills two ways; insects are poisoned by eating it and paralyzed by touching it. Recommended for elimination of ants, beetle-grubs, chinch bugs and grasshoppers from lawns (8 ozs. in 25 gals. water on 1000 sq. ft.) Used also as dust in crevices and corners to control household pests. 8 ozs. \$1.50.

**48E, Liquid.** Use ½pt. to 25 gals. of water. ½pt. \$1.25.

**Tartar Emetic.** To control gladiolus thrips, use 4 lbs. Tartar Emetic with 16 lbs. brown sugar to 100 gals. of water. Lb. \$1.25; 5 lbs. \$5.50; 25 lbs. \$25.00.

**Tero-gen.** A new autumn and winter ground-dressing acting both as a fertilizer and as an insecticide. 1-lb. tin 75c.; 2-lb. tin, \$1.25; 5-lb. tin \$2.75; 10-lb. tin \$4.75; 25-lb. tin \$11.00; 100 lbs. \$40.00.

**Tobacco Dust.** For dusting. 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.25; 50 lbs. \$2.25; 100 lbs. \$4.00.

**Tobacco Dust.** For fumigating. Specially treated to induce easy burning. 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50.

**Tri-Ogen.** The all-purpose spray. Mildew and black-spot easily controlled with this spray treatment. E Kit \$1.35; A Kit (makes 16 qts.) \$2.25; B Kit (makes 64 qts.), \$6.00; C Kit (makes 32 gals.), \$9.00; D Kit (makes 128 gals.), \$30.00.

**Thrip Juice, Hammond's No. 2.** This preparation is very effective against aphids, red spider, mealy bugs, and sucking insects generally. Pt. \$1.00; qt. \$1.90; gal. \$6.00.

**Tobacco Stems (Fresh).** For fumigating and for mulching to destroy insect life in the soil. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.50; large bales at 4c. per lb.; ½ ton \$30.00; ton \$50.00.

**Volck Oil Spray.** Can be used on growing plants in the nursery, greenhouse and garden and is used to control thrips, aphids, scale, mealy bug, red spider, leaf hopper, small caterpillar and leaf-spot. 4 ozs. 35c.; 16 ozs. 70c.; gal. \$2.85; 5 gals. \$9.95; 28 gals. \$36.00.

**Wilson's O. K. Plant Spray.** This spray offers a sure and safe method of control for boxmite, thrip, leaf-hopper, psylla, green, black, and woolly aphids, midge, currant worms, spruce gall, lace-wing fly on rhododendrons, crawling young scale. Dilution: 1 to 15. Qt. \$1.15; gal. \$3.50; 5 gals. \$13.50; ½bbl. (30 gals.) \$63.00; bbl. (50 gals.) \$97.50.

**Worm Destroyer.** For earthworms. A safe, dry powder which will effectively and promptly bring earthworms to the surface and kill them. Apply at the rate of a half pound per square yard, then saturate the ground with water. 100 lbs. \$8.50.

**Zerlate.** Use as spray or dust to control early potato blight, celery blight, anthracnose and leaf-spot on tomatoes, leaf and wilt diseases on cucurbits, brown rot on peaches. Descriptive circular on request. 3 lbs. \$2.75; 50 lbs. \$37.50.

## AGRICO THE NATION'S LEADING FERTILIZER

Each kind of plant has its own plant-food needs. That's why there's an Agrico for each different plant-feeding job. One for lawns, trees, and shrubs—another for flowers and vegetables—another for broadleaf evergreens. Special-purpose Agrico fertilizers go farther, do a better job, give you more value per pound and per dollar.

**Agrico for Lawns, Trees and Shrubs.** 5 lbs. 45c.; 10 lbs. 80c.; 25 lbs. \$1.60; 50 lbs. \$2.65; 100 lbs. \$4.75.

**Agrico for Gardens, Flowers and Vegetables.** 5 lbs. 45c.; 10 lbs. 80c.; 25 lbs. \$1.60; 50 lbs. \$2.40; 100 lbs. \$4.25.

**Agrico for Broadleaf Evergreens.** 10 lbs. \$1.10; 25 lbs. \$2.10; 50 lbs. \$3.40; 100 lbs. \$5.50.

**Adco** is a powder which, when mixed with almost any non-woody vegetable waste and kept moist, gradually converts the mass into real manure. Farmers, by utilizing straw, cornstalks, etc., can secure their manure without the expense and labor of maintaining livestock. 25 lbs. is sufficient to make ½ ton of manure. 5 lbs. \$1.25; 20 lbs. \$2.50; 150 lbs. \$12.50.

**All Crop Fertilizer.** A high-grade, properly balanced fertilizer for general use on all farm and garden crops. 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.50.

**Ashes, Canada Hardwood.** Apply 1000 pounds per acre. Indispensable for all crops requiring potash. For top-dressing lawns and grass-fields it is applied to best advantage either in very early spring or late fall. 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200 lbs. \$6.00.

**Asparagus Fertilizer.** A mixture that promotes root and top growth. Apply 800 pounds per acre. 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.50.

**Bacteria** for Leguminous Crops. See Legume-Aid.

**Blood (Dried).** For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. 5 lbs. \$1.75; 10 lbs. \$3.00; 25 lbs. \$5.50; 50 lbs. \$9.50; 100 lbs. \$17.00.

**Blood, Bone and Potash.** A very high-grade fertilizer for all vegetable and farm crops. 100 lbs. \$5.50.

**Bone, Coarse Ground.** Apply 800 to 1000 pounds per acre. Prepared from raw bone, exactly like bonemeal, except that it is not so fine or quick in action. It is used for the same purpose. 50 lbs. \$4.50; 100 lbs. \$8.00.

**Bone Flour.** Finely pulverized and bolted. Effective immediately. For rose-growing this cannot be excelled. Rich in phosphoric acid and ammonia. Apply 600 pounds per acre. 5 lbs. 75c.; 10 lbs. \$1.40; 25 lbs. \$2.50; 50 lbs. \$4.00; 100 lbs. \$7.75.

## Bonemeal

**Michell's Special Grade.** Unusually rich in nitrogen and phosphoric acid, the two principal plant-foods. We recommend this especially for lawns, gardens, and greenhouse, or any purpose where a high class fertilizer counts. Apply 800 to 1000 pounds per acre. 5 lbs. 55c.; 10 lbs. 90c.; 25 lbs. \$1.90; 50 lbs. \$3.75; 100 lbs. \$6.00; ½ton \$55.00; ton \$100.00.

**Bonemeal, Raw.** Prepared from unsteamed bone, this fertilizer is higher in nitrogen than regular bonemeal, but slower in action. 100 lbs. \$8.50; ½ton \$80.00; ton \$155.00.

**Boyung.** A natural cow manure. Free from live weed seeds; ideal for use on the lawn and also excellent for flowering plants. 25 lbs. \$1.35; 50 lbs. \$2.50; 500 lbs. \$22.00.

**Cow or Cattle Manure (Shredded).** Convenient to handle, making it possible for everyone to get this usually scarce article at all times. Especially suited for soil-mixing, mulching and liquid manuring. Apply 1000 pounds per acre. 5 lbs. 50c.; 10 lbs. 80c.; 25 lbs. \$1.75; 50 lbs. \$2.75; 100 lbs. \$5.00; ½ton \$48.00; ton \$85.00.

**Cow or Cattle Manure (Pulverized).** Thoroughly sterilized and weedless. Quick in action and especially desirable for pot-plants, etc. 50 lbs. \$2.75; 100 lbs. \$5.00; ½ton \$48.00; ton \$85.00.

**Cottonseed Meal.** Apply 800 pounds per acre. Exceedingly rich in potash and ammonia; excellent as a grass and grain fertilizer. 5 lbs. 85c.; 10 lbs. \$1.50; 25 lbs. \$2.50; 50 lbs. \$4.50; 100 lbs. \$8.50; ½ton \$70.00; ton \$125.00.

**Driconure.** A mixture of cow manure, poultry manure, and peat moss used for top-dressing and as a soil-improver. 7½ lbs. 75c.; 50 lbs. \$2.25.

**Electra.** A perfectly balanced fertilizer which is more than 80 per cent organic. It is becoming more popular with the growers because it can be used for almost any purpose. ¾lb. 35c.; 4 lbs. \$1.00; 25 lbs. \$4.00; 50 lbs. \$6.00; 100 lbs. \$10.50.

**Ferogen.** A remarkable plant-food, soil stabilizer and ground dressing for your roses. Ferogen should be cultivated into your rose beds in the early spring and summer. Ferogen reinforces stable manure. Lb. 75c.; 2 lbs. \$1.25; 5 lbs. \$2.75; 10 lbs. \$4.75; 25 lbs. \$11.00; 100 lbs. \$40.00.

**Hortobacco (Michell's).** A fertilizer manufactured from a tobacco base. For lawns, putting-greens, flower and vegetable gardens, etc. Also acts as an efficient insecticide. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50.

## Hyper-Humus

Now packed in amazing moisture-sealed bags.

### Nature's Soil-Builder

Hyper-Humus makes an ideal top-dressing for the lawn, garden, and shrubbery, and is unexcelled for lightening heavy soils, or binding soils which are too light. Use at the rate of 1 to 4 pounds per square foot, depending on the condition of the soil.

Prices for bagged material: 5 lbs. 40c.; 10 lbs. 60c.; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00; 500 lbs. \$13.00; ½ton \$25.00; ton \$48.00; in loose bulk, truckload (minimum 10 tons), \$12.50 per ton f.o.b. plant; carload (minimum 25 tons), \$11.50 per ton, f.o.b. plant, Newton, N. J.

**Hyponex Plant-Food.** Plants grow luxuriantly, flower abundantly and develop sturdy growth regardless of poorness of soil. A teaspoonful makes a gallon of liquid plant-food. 3-oz. can 25c.; 1-lb. can \$1.00; 10 lbs. \$8.00; 25 lbs. \$15.00; 100 lbs. \$40.00.

**Hygro Soluble Plant-Food.** Dissolved in water and poured on plants. Keeps plants healthy and productive. Oz. 10c.; 3 ozs. 30c.; 20 ozs. \$1.00; 10 lbs. \$4.50; 2-lb. jar with applicator \$2.50.

**Land Plaster (Gypsum).** When applied to land, it furnishes lime without increasing the alkalinity of the soil. Apply 1500 to 2000 pounds per acre. 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.25.

**PLEASE NOTE: No smaller quantity of Fertilizer than offered can be supplied**

**ALL PRICES SUBJECT TO MARKET CHANGES**



# MICHELL'S FERTILIZERS

## Lawn Bilder

The long-acting Lawn Food containing 2,4-D Weed Killer. A "spring" lawn all summer and freedom from weeds when you use this great lawn food with double action nitrogen, phosphorus and potash—plenty for immediate needs, a long-lasting supply obtained from soy bean meal, bone meal, etc. Lawn Bilder is easy to use—has no obnoxious odors. A small sack containing 25 pounds of Lawn Bilder is sufficient to treat 2500 square feet of lawn. 10-lb. bag \$1.29; 25-lb. bag \$2.75; 50-lb. bag \$4.85.

## Lawn Dressing (Michell's)

A complete organic fertilizer made up expressly for use on lawns and putting-greens.

When building a lawn, use 50 pounds per 1000 square feet, raked into the upper surface of the soil. Established lawns should receive spring and fall applications of 25 pounds per 1000 square feet, preferably mixed with top dressing, or watered immediately after applying. 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$5.50; ½ton \$45.00; ton \$85.00.

**Legume-Aid.** For alfalfa and all clovers: 1-bus. size 50c.; 2½-bus. size \$1.00. For soy beans, peas, vetch and beans: up to 2-bus. size 30c.; 5-bus. size 55c. Garden size for garden peas, beans, and sweet peas, 10c. Always state what kind of seed you wish to inoculate when ordering.

**Liqua-Vita.** A liquid plant-food containing three major plant-foods, plus Vitamin B<sub>1</sub>, Plant Hormones, and nine secondary plant-foods. It is as safe on small seedlings as on large plants. One-half ounce to one gallon. 8 ozs. 45c.; qt. \$1.25; gal. \$4.00.

**Lime (Hydrated or Powdered).** For correcting acidity in the soil. Apply at the rate of 1 ton per acre. 10-lb. box 35c.; 50 lbs. \$1.25; 100 lbs. \$2.00; 500 lbs. \$9.00; ½ton \$15.00; ton \$28.00.

**Limestone (Pulverized).** The raw form of lime, useful where a coarse material is required on worn-out acid soils. Apply 1½ tons per acre. 80-lb. bag \$1.10; 5 bags \$5.00; 10 bags \$9.00.

**Michigan Peat.** Should be incorporated into the soil when possible. Since Michigan Peat is in itself the ideal medium for plant growth, you can not use too much. Will not burn. Michigan Peat is scientifically prepared, weed free, screened, odorless and ready for use. 100 lbs. \$3.89; ton \$60.00.

**Milorganite.** A specially prepared, activated sewage sludge, entirely organic and absolutely safe to apply on lawns, flowerbeds, trees, etc. 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; ½ton \$38.00; ton \$68.00.

**Mum Manure (Smith's).** Give your plants a quick start by using this manure. A perfect food for Mums and other flowers, either under glass or in the garden. 50 lbs. \$4.00; 100 lbs. \$7.50.

**Muriate of Potash.** Usually used with other fertilizers deficient in potash. Excellent for potatoes, corn and other grains. 5 lbs. \$1.00; 10 lbs. \$1.80; 25 lbs. \$3.00; 50 lbs. \$5.50; 100 lbs. \$9.00.

**Nitrate of Soda.** (16 per cent.) A source of nitrogen in a form immediately available, which stimulates leaf- and top-growth of plants, of vegetables and fruit, and should therefore be used only after plants are above the ground. 1b. 25c.; 5 lbs. \$1.00; 10 lbs. \$1.80; 25 lbs. \$3.00; 50 lbs. \$5.50; 100 lbs. \$9.00.

**Phosphate, Ammoniated.** A complete, balanced fertilizer for all vegetable crops and particularly suited for grain and cereal crops. 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.50.

**Phosphate, Super (20 per cent).** 100 lbs. \$2.50.

**Fulton's PlanTabbs** are the finest of plant-foods, recommended particularly for potted plants as well as the flower and vegetable garden.  
12 tablets 10c.; 30 tablets 25c.;  
75 tablets 50c.; 200 tablets \$1.00; 1000 tablets \$3.50.

**Potato Fertilizer (Michell's).** Apply at the rate of from 800 to 1000 pounds per acre. 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$4.50; ½ton \$32.50.

**Salt.** For asparagus beds and putting on walks and roads to kill weeds. Apply 800 pounds per acre in early spring. 25 lbs. 85c.; 50 lbs. \$1.50; 100 lbs. \$2.75; 200 lbs. \$5.00.

**Soil.** For potting. Pk. 75c.; 100 lbs. \$3.00.

**Soil.** Plain top. 100 lbs. \$2.50; 500 lbs. \$11.50. Prices quoted on truckloads, not bagged.

**Sheep Manure, Wizard Brand.** Beautiful flowers and thick velvety green lawns are possible only on rich, physically perfect soils. Wizard Manures promote strong healthy growth by supplying an abundance of humus, vitamins and mineral foods needed by all soils. 5 lbs. 50c.; 10 lbs. 80c.; 25 lbs. \$1.75; 50 lbs. \$2.75; 100 lbs. \$5.00; ½ton \$48.00; ton \$85.00.

**Soot (Imported Scotch).** This is used principally for bringing a good healthy color into the foliage of chrysanthemums and other plants. Destroys insects and grubs underneath surface. 5 lbs. 75c.; 10 lbs. \$1.40; 25 lbs. \$2.50; 100 lbs. \$8.00.

**Stim-U-Plant.** The original plant-food tablet. Makes plants grow faster and bloom better. Odorless, clean, and economical. 10 tablets 15c.; 30 tablets 35c.; 100 tablets 75c.

**Sulphate of Aluminum.** Especially adapted for rhododendrons and other plants requiring an acid soil. 5 lbs. 55c.; 10 lbs. 90c.; 25 lbs. \$1.60; 50 lbs. \$3.00; 100 lbs. \$4.50.

**Sulphate of Ammonia.** Apply 75 to 100 pounds per acre only with other fertilizers. Analysis equal to 20 per cent ammonia. 5 lbs. \$1.00; 10 lbs. \$1.80; 25 lbs. \$3.00; 50 lbs. \$5.50; 100 lbs. \$9.00.

**Sulphate of Iron.** 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.75; 100 lbs. \$5.00.

**Sulphate of Potash.** Apply 100 to 125 pounds per acre, usually with other fertilizers. Analysis equal to 50 per cent of actual potash. 5 lbs. \$1.25; 10 lbs. \$2.00; 25 lbs. \$3.50; 50 lbs. \$5.50; 100 lbs. \$9.00.

**Superphosphate (20 per cent).** A very high-grade phosphate. Apply 750 pounds per acre. 100 lbs. \$2.50; 200 lbs. \$4.50.

**Tan Bark** used for making paths in formal gardens. Can be supplied in 100-lb. bags only. 100 lbs. \$3.00; 1000 lbs. \$25.50; ton \$48.00.

**Tankage.** A blood-and-bone product yielding nitrogen, lime and phosphoric acid. 5 lbs. \$1.25; 10 lbs. \$2.00; 25 lbs. \$3.50; 50 lbs. \$6.00; 100 lbs. \$11.00.

**Terogen.** A new autumn and winter ground dressing acting both as a fertilizer and as an insecticide. 2-lb. tin \$1.25; 5-lb. tin \$2.75; 10-lb. tin \$4.75; 25 lbs. \$11.00; 50 lbs. \$21.00; 100 lbs. \$40.

## Terra-Lite (Vermiculite) Plant Aid

A growing medium for rooting cuttings, for plant propagating, seed germination, mulch, lightening heavy soil, storing bulbs. 5 lbs. \$1.00; 2 bus. bag size (14 lbs.), \$2.50 per bag; 5 or more bags, \$2.25 each.

ALL PRICES SUBJECT TO MARKET CHANGES

## Michell's Tree and Shrub Food

For Fruit and Shade Trees, Evergreens, and Hedges. This food should be applied over the area covered by the overhang. Where the ground is covered with grass, holes may be made with a crowbar and filled with the food. When setting out young trees mix from 1 to 5 pounds to each tree.

From 1 to 2 pounds each will suffice for most shrubs and vines. Trees with a spread of about 10 feet require 5 pounds. 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$5.50.

**Tri-ogen Rose Food.** A 5-10-5 rose food made from organic (long lasting) and inorganic materials. 10 units of phosphorus for healthy, sturdy plants and roots; 5 units of potash for bigger and better flowers. Prepared especially for roses. 5 lbs. \$1.00.

**Soil Auger.** Best method for applying to trees. \$4.75.

**Tobacco Stems.** For fumigating, mulching, and fertilizing. 1b. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.50; large bales at 4c. per lb.; ½ton \$30.00; ton \$50.00.

**Universal Acid Plant-Food.** For gardenias, azaleas, and other acid-loving plants. 100 lbs. \$6.75.

**Vertagreen.** A high quality, scientifically blended and balanced plant-food, excellent for obtaining more prolific growth of lawns, flowers, shrubs, trees and garden vegetables. It is clean, odorless and easy to apply. Circular free on request. 1b. 15c.; 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$1.60; 50 lbs. \$2.65; 100 lbs. \$4.25.

## A PRODUCT OF SWIFT

# VIGORO

COMPLETE PLANT FOOD

**Vigoro.** Complete plant-food. Safe, sanitary, odorless, and easy to apply. A single 100-lb. bag will feed 2500 sq. ft. 1b. 15c.; 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$1.60; 50 lbs. \$2.65; 100 lbs. \$4.25.

**Vigoro Tablets.** Pkg. of 12, 10c.

**Wonder Worker Fertilizer.** An extremely high-grade animal base fertilizer adapted for growing all vegetable crops. Will not burn. 100 lbs. \$5.50.

**Wood Ashes.** Apply 1000 pounds per acre. For all crops requiring potash. Excellent for mixing with potting soil. For top-dressing lawns and grassfields it is applied either in early spring or late fall. 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200 lbs. \$6.00.

**Floralife** is a nourishing, sterilizing mixture which retards wilting. Supplies nourishment to blossoms; expands their size! Pkt. 10c.; 30-qt. size can (1.3 lbs. net) \$1.00; 100-qt. size can (4 lbs. net) \$3.00; 250-qt. size drum (10 lbs. net) \$5.00.

## ROOT-FORMING CHEMICALS

### HORMODIN, the root-forming chemical

For stimulating rapid root-growth on cuttings, simply by placing the basal ends in the solution before planting them. Each package contains a calibrated easy-to-use measure, complete directions, and a treatment chart.

**Powder No. 1.** A general-purpose powder especially good for carnations, roses, poinsettias, chrysanthemums, and similar types. 1¼-oz. pkg. 50c.; 1-lb. pkg. \$3.00.

**Powder No. 2.** Designed for many of the woody and semi-woody types. 1¼-oz. pkg. 75c.; 1-lb. pkg. \$4.50.

**Powder No. 3.** Designed for the more resistant species including many evergreens and dormant leafless cuttings. 1-oz. pkg. \$1.00; ½-lb. pkg. \$4.50.

## MICHELL'S FERTILIZERS, continued

**ROOTONE.** The plant hormone powder. Insures better flowers by providing better roots. Dust your seeds, bulbs, and cuttings before planting with Rootone. ¼oz. 25c.; 2-oz. jar \$1.00; 1-lb. can \$5.00.

**Vitamin B-1 (Thiamine Hydrochloride).** Vitamin B<sub>1</sub> stimulates root-growth, restores sick and straggly plants to health. 20 tablets making 20 qts. 25c.; 200 tablets making 200 qts. \$1.00.

**TRANSPLANTONE.** Vitamin Hormone stimulant for rooted plants. ½oz. 25c.; 3-oz. can \$1.00; 1-lb. can \$4.00.

## MICHELL'S RUSTIC AND ORNAMENTAL BIRD HOUSES

You can enjoy the cheerful company of many of our native song-birds during the entire winter season if you attract them to your home with suitable Shelters and Feeders.

<b>No. 60. Martin House.</b> 4-room. Not available	E ch	\$17 00
<b>No. 14. Wren or Bluebird House</b>	2 50	
<b>No. 17C. Wren House</b>	3 00	
<b>No. 21C. Bluebird House</b>	2 75	
<b>No. 23C. Wren House</b>	1 75	
<b>No. 25C. For Woodpeckers, Chickadees, Nuthatches, etc.</b>	2 25	
<b>No. 60. Robin House</b>	2 75	
<b>No. 61C. Wren House.</b> Swinging	2 25	
<b>No. 104. Rustic Seed-Feeder</b>	3 50	
<b>No. 115. Suet Rack with Cake</b>	1 60	
<b>No. 110. Combination Shelter</b>	3 30	
<b>No. 114. Suet Basket</b>	70	
<b>No. 124. Bishop Window-Feeders.</b>	4 85	

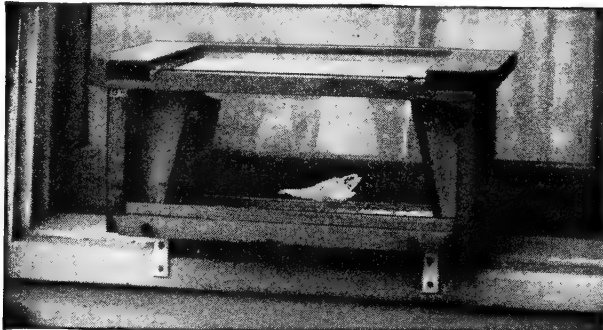
### Revolving Feed-Box

**No. 120P.** This bird-feeder, the most popular American type, has its glass end always facing the wind, so that the large open end is protected from storms. With wood pole. Price, \$15.75.

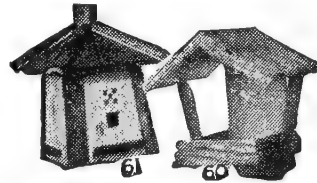
### Michell's Wild Bird Seed

A mixture of seed and grain most attractive to the birds wintering in the Northern States.

5 lbs.....	\$0 70	25 lbs.....	\$2 75
10 lbs.....	1 25	100 lbs.....	10 00



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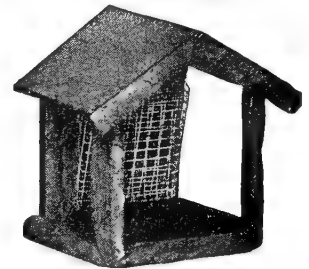
### Community Diner with Perches



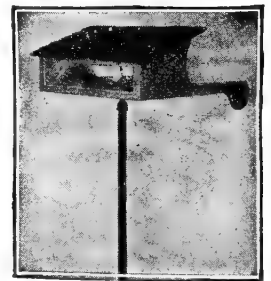
Attracts clinging and perching birds. Filled with 24 tid-bits containing seed and suet, and pressed peanut and suet molded into paper cup \$2.65 each. Refills, box of 24, \$1.50.



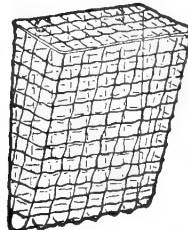
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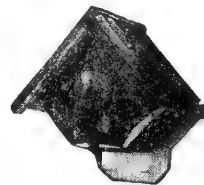
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Revolving Feed-Box



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17

### Bird Cafe

For many birds at your window. An all-weather feeder. Glass top keeps out rain and snow. Easily attached to window-sill from inside the room. With suet cake holder and seed hopper. Height 8 in., depth 16 in., length 16 in.

**No. W16.** Price, \$5.45.

### Garden Snackery

A glass-front revolving feeder. Vanes keep glassed-in front toward the wind and weather, protecting the interior. Equipped with seed hopper and suet cake holder as well as center pole and hardware for easy attaching to any post. Size 13 x 17 in.

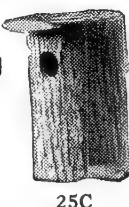
**No. R1.** Price, \$7.50.



14



21C



25C

## Pest Exterminators

**Ant-X Jelly Bait.** Ants like the taste of Ant-X Jelly, but it is "their last meal." They carry it back to their nests—destroys the whole colony. 1-oz. tube, 35c.; 4 ozs. \$1.00.

**Antrol Ant Traps.** Attractive, sanitary, safety container for use in house or garden. Just break seal of box, and place where ants can get to it. 20c.

**Kilmicc.** Easy to use—clean, sanitary, no mixing—no traps needed. 2½-oz. pkg. 25c.

**Mole-Nots.** Sure death to bulb-eating, root-destroying moles. Life saver for lawns, flower and seed-beds. Box of 8, 35c.; box of 50, \$1.00.

**Mouse-Nots.** A meaty, easily hulled, treated seed-bait which appeals to the finicky taste of mice—"their last meal." Box of 9, 25c.; box of 50, \$1.00.

**Rat-Nots.** A safe, scientific way to exterminate rats. Prepared bait contains genuine red squill—not a poison. Box of 9, 25c.; box of 50, \$1.00.

**Rat-Not-Paste.** FAST, QUICK, and LETHAL in its action. Ideal too, for control of chipmunks, squirrels, prairie dogs, etc. Packaged in handy convenient tubes. Box of 9, 25c.; box of 50, \$1.00.

**Roach-Nots.** A prepared powder bait, quick and effective. Roach-Nots "Lays them on their backs." 25c. and \$1.00.

**RATSTOP with ANTU.** For mixing with ground baits; for dusting on moist baits; for dusting without bait—as a tracking powder. 2 ounces makes 4 pounds of bait. 75c.

ALL PRICES SUBJECT TO MARKET CHANGES

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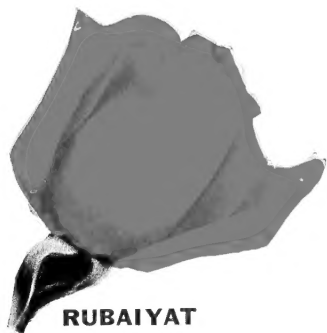


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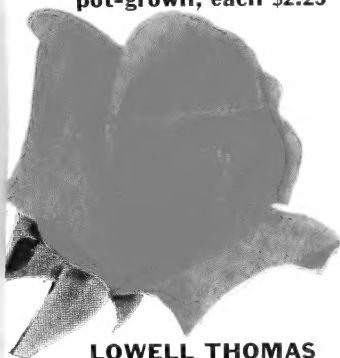
## OF ALL TIME



**TALLYHO**  
Each \$2.00;  
pot-grown, each \$2.50



**RUBAIYAT**  
Each \$1.75;  
pot-grown, each \$2.25



**LOWELL THOMAS**  
Each \$1.75;  
pot-grown, each \$2.25



**MIRANDY**  
Each \$1.75;  
pot-grown, each \$2.25

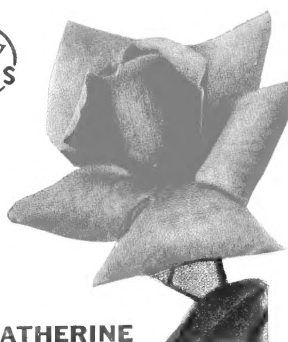
For the past ten years Roses chosen by All-America Rose Selections have been proving themselves to be superior. To earn the privilege of bearing the All-America badge of honor, a new Rose must first demonstrate its worth. A beautiful color or sweet perfume is not enough in itself; the Rose must be tried out in test gardens across the country for two years and be judged by experts in competition with other novelties before it is given an award. Only the best can beat the rigid standards of A.A.R.S. testing.

So far, since 1940 thirty-six varieties have been chosen as All-America Roses. For 1951 no award was made; instead, the judges reviewed the winners of the past. The result? . . . The ten All-America Roses shown here were chosen as "the best of the best." All are Hybrid Teas and all have proved themselves to be hardy in all sections of the United States. On the basis of popularity and performance these stand at the top of the list.

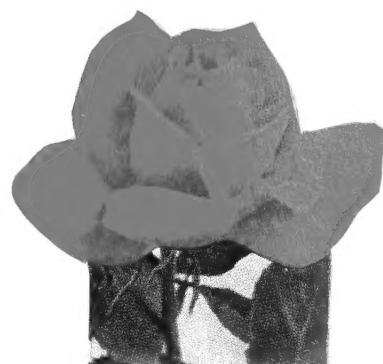
What better basis than these ten for any new Rose garden? Or for bringing lively new interest to an older planting that has been static too long? We can hardly say too much for these superb Roses; their records and awards speak for them. So plant them with confidence and enjoy their beauty, fragrance and hardiness for many years to come.



**NOCTURNE**  
Each \$1.75;  
pot-grown, each \$2.25



**KATHERINE  
T. MARSHALL**  
Each \$1.75;  
pot-grown, each \$2.25



**SAN FERNANDO**  
Each \$2.00;  
pot-grown, each \$2.50



**FORTY-NINER** Each \$2.00;  
pot-grown, each \$2.50



**PEACE.** Each \$2.00;  
pot-grown, each \$2.50



**CHARLOTTE ARMSTRONG**  
Each \$1.75;  
pot-grown, each \$2.25

### ALL 10 ROSES

#### *Selected, 2-year-old dormant plants:*

10 PLANTS,  
1 each of these 10 varieties, **\$17.00** (value \$18.50)

#### *Pot-grown plants:*

10 PLANTS,  
1 each of these 10 varieties, **\$22.00** (value \$23.50)



*Michell's*

*Fine Hybrid Tea  
Everblooming  
Roses*

McGREDY'S  
IVORY



POINSETTIA



PRES. HERBERT  
HOOVER



CHRISTOPHER STONE

THE DOCTOR



MRS. E. P. THOM


**A SPECIAL**

COLLECTION

OF

SIX LOVELY

ROSES



*Selected two-year-old,  
dormant plants*

Each \$1.25

3 of any variety \$3.60

6 plants, 1 each of  
these 6 varieties, **\$6.95**

12 plants, 2 each of  
these 6 varieties, **\$13.75**

*Pot-grown plants*

Each \$1.75

6 plants, 1 each of  
these 6 varieties, **\$10.00**

**HENRY F. MICHELL CO., 516-518 Market St., PHILADELPHIA 5, PA.**